Historic, archived document

Do not assume content reflects current scientific knowledge, policies, or practices.

62.73

LIBRARY
RECEIVED
MAR 13 1939
U. S. Department of Agriculture

1877 - 1939

NEW GIANT IMPERIAL LARKSPUR

A new race of tall, upright, compact, and basal branching Larkspurs of surpassing beauty. The enormous Delphinium-like spikes of compactly placed double flowers are carried on stems 4 to 5 feet long. Large pkt. 25 cts.

BECKERT'S SEED STORE SEEDS VEGETABLE FLOWER BULBS PITTSBURGH, PA.

BECKERT'S SEED STORE, INC.

103 FEDERAL STREET, NORTH SIDE

PITTSBURGH • • PENNA.

TELEPHONE: Fairfax 4210 4211

A good lawn forms the frame and background of your home. No other single feature so enhances its appearance and beauty

HOW TO MAKE A LAWN

EARLY spring or early autumn, the seasons of abundance of moisture, warm days and cool nights, are ideal for establishing new lawns. Peat moss, stable manure, or humus should be incorporated by spading into your soil, as it will rectify the unfavorable conditions of too light or too heavy a soil. Finish by applying a layer of humus plus a good fertilizing medium on top of your spaded surface, hoeing it into the upper 2 inches of your proposed lawn. Lawn grasses hardly ever root deeper than from 2 to 3 inches. Feeding roots do not form along the tips of old roots but from the crown of the individual plants near the surface, hence the necessity of keeping humus substances and fertilizers near the surface. When seeding larger areas, divide seeds into equal parts, sowing one part going in one direction and the other going the opposite way. After sowing, go over the plot with a roller. The first cutting should not be made until the young grass is about 3 inches high. To obtain a heavy, deep turf, apply leaf-mold, peat moss, or other humus materials at frequent intervals after the lawn has become well established.

BECKERT'S EXTRA-HEAVY LAWN MIXTURES

Only the finest assortments of full-bodied, recleaned grasses carefully blended in their proper proportions are used in our mixtures.
One pound of our mixtures will cover 250 square feet

BECKERT'S EVERGREEN LAWN SEED

This mixture is, perhaps, our best-known and appreciated. The result of years of study and trial, hardy and enduring, only the finest domestic and imported grasses comprise this formula. Lb. 50 cts.; 2 lbs. 95 cts.; 5 lbs. $2.25, prepaid. Not prepaid, 10 lbs. $4.00; 25 lbs. $9.50; 100 lbs. $37.00.

BECKERT'S "SPECIAL" LAWN MIXTURE

Comprised of only the finest recleaned, imported, and domestic grasses, this mixture assures you a luxuriant velvety lawn of a spreading nature, deep-rooting, quickly forming a heavy sod. Lb. 65 cts.; 2 lbs. $1.20; 5 lbs. $2.85, prepaid. Not prepaid, 10 lbs. $5.50; 25 lbs. $12.75; 100 lbs. $47.50.

SHADY-NOOK LAWN SEED

Particularly adapted for sowing in shady places where ordinary grass seed mixtures will not thrive. Lb. 65 cts.; 2 lbs. $1.20; 5 lbs. $2.85, prepaid. Not prepaid, 10 lbs. $5.50; 25 lbs. $12.75; 100 lbs. $47.50.

CHOICE LAWN MIXTURE

Composed of recleaned grasses, it will quickly form a rich green turf. Lb. 40 cts.; 2 lbs. 75 cts.; 5 lbs. $1.75, prepaid. Not prepaid, 10 lbs. $3.25; 25 lbs. $7.75; 100 lbs. $27.50.

TERRACE LAWN MIXTURE

The varieties used in this mixture are selected for their strong, spreading root-growth and drought-resistance. Lb. 60 cts.; 2 lbs. $1.15; 5 lbs. $2.75, prepaid. Not prepaid, 10 lbs. $5.00; 25 lbs. $12.00; 100 lbs. $45.00.

CREEPING BENT LAWN MIXTURE

This mixture is composed of the highest grade of different Bent Grasses. Lb. $1.25; 5 lbs. $5.75; 10 lbs. $10.00.

SEPARATE GRASS SEED VARIETIES

CREEPING BENT, ASTORIA (*Agrostis stolonifera*). A true creeping Bent Grass. Ideal for lawn and putting greens. Lb. $1.35; 5 lbs. $6.25; 10 lbs. $11.00.

CREEPING BENT, SEASIDE (*Agrostis palustris maritima*). Dwarf in habit, the rapid runners are continuously forming new plants quickly producing a thick matted turf. Lb. $1.35; 5 lbs. $6.25; 10 lbs. $11.00.

KENTUCKY BLUE GRASS (*Poa pratensis*). The finest for lawn and pasture. Lb. 50 cts.; 10 lbs. $4.00; 100 lbs. $37.00.

CRESTED DOG'S-TAIL (*Cynosurus cristatus*). Drought-resistant. Lb. 70 cts.; 10 lbs. $6.00; 100 lbs. $55.00.

WHITE DUTCH CLOVER. Also known as "Lawn Clover." Lb. 75 cts.; 5 lbs. $3.25.

ORCHARD GRASS (*Dactylis glomerata*). A hardy, vigorous hay and pasture grass. Lb. 40 cts.; 10 lbs. $3.50.

RED-TOP, FANCY RECLEANED (*Agrostis palustris*). A fine turf grass. Lb. 50 cts.; 10 lbs. $4.00; 100 lbs. $37.00.

RED FESCUE (Chewing's New Zealand; *Festuca rubra*). Semi-creeping shade grass. Lb. $1.00; 10 lbs. $9.00; 100 lbs. $80.00.

ROUGH-STALKED MEADOW (*Poa trivialis*). Drought-resistant, semi-shade grass. Lb. 75 cts.; 10 lbs. $6.50; 100 lbs. $60.00.

RYE GRASS (*Lolium perenne*). Quick-growing. Used in small amounts as nurse crop in lawn mixtures. Lb. 35 cts.; 10 lbs. $3.00; 100 lbs. $25.00.

RYE GRASS, ITALIAN (*Lolium italicum*). Quick-growing annual. Lb. 30 cts.; 10 lbs. $2.75; 100 lbs. $22.50.

TIMOTHY (*Phleum pratense*). The great American hay grass. Lb. 25 cts.; 5 lbs. $1.00; 10 lbs. $1.50.

FOR A GOOD LAWN FERTILIZER TURN TO PAGE 47

BECKERT'S SEED STORE, INC.

Phone: FAIRFAX 4210-11 ESTABLISHED 1877

103 FEDERAL STREET, NORTH SIDE, PITTSBURGH, PA.

To Our Friends and Customers:

We present the 62d Seed Annual of Beckert's Seed Store, Inc., and express our sincere appreciation for the confidence extended us during past seasons. May we assure them of our never-flagging efforts to improve, if possible, the quality of our seeds and merchandise. We invite those that have never bought at our establishment to give us a trial and an opportunity to have their horticultural difficulties solved by one of our experienced employes.

We Deliver Free

To Any Post Office in U. S.

At Prices in This Catalog

Flower Seeds
Flower Bulbs
Vegetable Seeds
and Grass Seeds
up to 5 pounds

On all Seeds in quantities over 5 pounds and on Garden Supplies, Implements, Fertilizers, Insecticides and other heavy, bulky goods, the purchaser pays the transportation charges.

If larger quantities are desired than the amounts quoted in this catalog, please write for our special quantity prices.

Local Delivery

We maintain free truck delivery at prices listed in this catalog on Fertilizers, Insecticides, Implements, and Garden Supplies amounting to $2.00 or over to all parts of the city as well as to Aspinwall, Avalon, Bellevue, Ben Avon, Crafton, Coraopolis, Dormont, Edgewood, Etna, Ingram, McKees Rocks, Sewickley, South Hills, Swissvale, West View, and Wilkinsburg.

Phone: Fairfax 4210-11

Convenient Parking. At our storeroom, 103 Federal Street, a few doors from the north end of the Sixth Street Bridge, you will find parking space available, as one-hour parking is permitted on Federal Street, from 9.30 A.M. until 6 P.M., one hour on Isabella Street, opposite our entrance, and unlimited parking time in the rear of our storeroom.

Suggestions to Customers in Ordering from This Catalog

SEND US YOUR ORDER EARLY. We will appreciate it if our customers will place their orders early. This insures them of having the seeds on hand when the time comes to plant and aids us in giving prompt service before the rush period.

USE THE ENCLOSED ORDER SHEET AND ENVELOPE. Fill out your order on the enclosed order form and keep a copy of your order. Please write or print plainly your Name, Post Office, County, and State and if shipment is to be made by Express or Freight, mark your shipping point or nearest express office.

SHIPMENT. Items which we forward prepaid by Parcel Post are listed in our Free Delivery above. Quantities and items not included in our Free Delivery list can be forwarded as the customer desires by Parcel Post (include postage), Express or Freight.

REMITTANCE AND TERMS. Forward remittance by Post Office or Express Money Order, Check, or for small amounts, Stamps are acceptable. Do not send currency unless by Registered Letter. Orders can also be forwarded C.O.D., except those of a perishable nature, the customer paying on delivery for all goods. We will be pleased to open charge accounts for responsible parties on receipt of satisfactory credit references.

NON-WARRANTY. In common with all responsible houses, Beckert's Seed Store does not warrant in any way, expressed or implied, the contents or description, quality, productiveness, or any other matter of any seeds, bulbs or plants sold by us, and we will not be responsible for the crop. If the purchaser does not accept the goods on these terms, he should return them at once and money will be refunded. We make all sales subject to the above conditions.

PARCEL POST RATES

		First Pound or Fraction	Each Additional Pound or Fraction	
1st zone.	Within 50 miles of Pittsburgh	$0.08	$0.01	Limit of
2d zone.	Over 50 and under 150 miles from Pittsburgh	.08	.01	weight to
3d zone.	Over 150 and under 300 miles from Pittsburgh	.09	.02	all zones,
4th zone.	Over 300 and under 600 miles from Pittsburgh	.10	.03½	70 lbs.

Cultural Directions for Flower Seeds

The Flower Seed Section of this Catalog is divided into four classes, Annuals, Perennials, Conservatory Plants, and Vines, and under each variety on the following pages is shown a cultural letter indicating which of the cultural directions given below applies to each variety. The height of the plant, the approximate blooming period, and the preference of such plants as are susceptible to either extreme sun or shade is also shown.

Preparation and Care of the Flower Garden

While it is generally true that almost any soil will produce plants and flowers, a little care, fertilizer, and cultivation will greatly increase the productiveness of any garden. In late fall or early spring, spade your flower-beds deeply, add well-rotted manure or peat moss or humus, plus a complete fertilizer, and mix thoroughly with the soil. This will enable the roots to penetrate to a greater depth, will aid in the holding of moisture in the ground, and will replenish the humus and food-elements the crops of previous years have taken out of the soil. When time to sow the seeds, work the surface as fine as possible and sow in accordance with the cultural instructions referred to by letter under the individual Flower Seed headings, these separate cultural instructions being given below. After seeds or plants are in the ground, if weather conditions necessitate watering, a fine spray should be used, being sure the moisture penetrates to a reasonable depth, as one good watering which reaches 4 to 5 inches will be of far greater value than four or five that reach only to a depth of 1 inch, and which in extreme hot, dry weather may prove harmful. (This holds good for your lawn also.) Mulching with a layer of peat moss will do much to retain moisture. As soon as the top of the bed becomes dry enough after a rain, or after watering, work with a hoe or cultivator, pulverizing to a reasonable depth to create a dust-mulch that will prevent excessive evaporation in the subsoil. All plants, to maintain their vigorous growth and productiveness, require a certain amount of food elements that cannot be added to the soil at the time of planting, but which should be applied later in either dry or liquid form. Complete or special fertilizers fill these requirements. The following points are of the utmost importance and should not be overlooked. Don't sow the seed too deep. Don't crowd the plants, but give each a place in the sun and a chance to develop.

FLOWER SEED SECTION

	Page
Annuals	3–17
Perennials	18–23
Conservatory Plants	24–25
Vines	25–26

Seed-Flat Preparation

The preparation of the seed-flat is always of the utmost importance. A flat box about 16 inches wide by 20 inches long and 4 inches deep will be ideal. Drill four holes in the bottom for perfect drainage and put in a 1-inch layer of damp peat moss. Next mix two parts of good clean garden soil, free from fresh manure or decaying vegetable matter, with one part of peat moss or humus, and sift the whole through a ⅛- or ⅙-inch sieve, making sure the peat moss is all rubbed through. Fill the rest of the flat with this mixture, firming lightly with a board, until the soil is within ½ inch of the top. The next step, and perhaps the most important one to insure success, is to sterilize the soil to prevent what is known as damping-off. This is really nothing but a fungous rot that attacks the seedling right above the roots and very often causes the loss of the entire flat. Sterilizing may be done with Formaldehyde Dust or Semesan. Instructions for the use of either will be found on the package.

CULTURE A

Seeds under this culture give best returns if sown in flats in early spring, but if earliness of bloom is not essential, good results may be obtained by sowing outdoors after all danger of frost is past. If sown in flats, follow instructions for seed-flat preparation given above and sow seed in March or April at the depth indicated under the separate headings. Water thoroughly with a fine spray and place in a warm room; although little water will be necessary, watch the flats carefully and never let the soil become dry. When seedlings appear, remove flats to a sunny window. Transplant to other flats as soon as seedlings are large enough to handle, keeping them 2 to 2½ inches apart both ways. Expose them gradually to outside conditions and, when sufficient growth has been made, plant in permanent outside locations. If outside sowing is desired, follow instructions given in Culture B.

CULTURE B

Seeds under this culture may be sown in early May in outside seed-beds and later transplanted into the beds they are to occupy, or they may be sown directly into their permanent location. Spade the seed-bed deeply, mix well-rotted manure, or peat moss or humus and a commercial fertilizer, well into the soil; spread an additional half inch of peat moss or humus over the top of the seed-bed, and rake well into the top surface. Sow the seeds at the depth indicated under the separate heading and water thoroughly with a fine spray. When seedlings are large enough, transplant or thin out as cause may require. If exceptionally early flowering is desired, follow instructions under Culture A.

CULTURE C

Seeds under this culture do not take kindly to transplanting and should be sown outdoors in early spring, as soon as danger of frost is over and soil is in a fair condition to work, directly into the beds they are to occupy. Spade the seed-bed deeply, mixing well-rotted manure, or peat moss or humus plus a good commercial fertilizer, well into the soil; spread an additional half inch of peat moss on the surface and rake this well into the top. Level off and sow the seeds thinly at a depth indicated under the separate headings; water thoroughly with a fine spray. After seedlings appear, thin out to give individual plants a chance to develop.

CULTURE D

Seeds under this culture, being quite hardy, may be sown outside in very early spring, as frosts do not affect their growth to any extent. The seed-bed should be spaded deeply and well-rotted manure, or peat moss or humus plus a good commercial fertilizer, mixed thoroughly with the subsoil. A half inch of peat moss should be spread over the top and raked lightly into the upper layer of soil. Plant the seeds at a depth indicated under the separate headings and water thoroughly with a fine spray. After seedlings are large enough to handle, thin out or transplant, as you wish. Very early plants may be obtained by sowing in September or October, leaving the small plants to winter in their seed-beds.

CULTURE E

Sow in seed-flats (note preparation of seed-flats above) from February to April if you wish to use the plants to decorate your garden; or during the summer months if you wish to cultivate them in pots for house decoration. Sow seeds at the depth indicated under the special headings and water thoroughly with a fine spray and place in a warm room. As soon as seedlings appear, remove to a sunny window. When the plants are large enough to handle, transplant into other flats to stand 2 inches apart in rows, or in small pots if you prefer. Transplant outdoors when all danger of frost is past, or if you have raised them for house decoration shift into larger pots as need arises.

CULTURE F

Plants under this culture are purely conservatory or house-plants such as Asparagus, Calceolaria, Cineraria, Primula obconica, Solanum, Stevia, etc. Follow instructions for preparation of seed-flat above and sow seeds preferably during spring months at the depth indicated under the separate headings. Water thoroughly with a fine spray, and place in a warm room. Most of the varieties coming under this culture will germinate in from 8 to 20 days. As soon as seedlings appear, remove to a sunny window. When seedlings are large enough to handle, transplant into other flats to stand 2 inches apart. After a reasonable growth has been attained, pot up in 2- or 2½-inch pots and keep shifting into larger pots as plants attain a size that makes it obvious they can no longer get sufficient nourishment.

CULTURE G

Seeds under this culture may be sown from April to September in flats or coldframes (see preparation of seed-flats above) at the depth indicated under the special flower seed headings. Water thoroughly with a fine spray. Although little additional watering will be necessary, care must be taken never to permit the soil to become dry. Place in a warm room and as soon as seedlings appear remove to a sunny window. When large enough to handle, transplant into other flats, spacing seedlings 2 to 2½ inches either way, and after they have made sufficient growth, transplant to permanent location. For midsummer or later sowing, start seeds in a coldframe where soil has been treated the same as for flats; shade the sash and raise as soon as seedlings appear. Transplant as soon as seedlings are large enough to handle, spacing 2 to 2½ inches apart either way, and when sufficient growth has been obtained plant outside into permanent locations. NOTE: Only a few varieties under this culture will produce flowers the first year, and all will benefit by winter mulch or protection at least the first season. Seed may be sown in the open, after danger of frost is past, in a seed-bed in which the top soil is finely pulverized and mixed with peat moss or humus. Select a level location and raise seed-bed several inches above the rest of the garden to prevent seeds being washed out by heavy rains. When plants are sufficiently large, transplant and place them in their permanent locations.

CULTURE H

Seeds under this culture are best sown indoors in March or April directly into small pots. Fill the pots with a mixture of good garden soil, composed of two parts soil and one part humus, to within a half inch of the edge of the pot. Firm the soil and place one or two seeds at the depth indicated under the separate headings. Take an ordinary seed-flat, fill with moist peat moss, and plunge the pots into this up to within a half inch of the edge. Water pots thoroughly. Place in a warm room and as soon as seedlings appear, remove to a sunny window, gradually exposing them to outside conditions. When all danger of frost is over remove from pots without destroying the root-ball and plant in their respective places outdoors. If an advanced blooming period is not desired, the seeds may be sown outside as soon as warm weather sets in.

SIX OF THE FINEST NEW ANNUALS

3054

New Morning-Glory, Scarlett O'Hara

Gold Medal, 1939 All-America Selections

Enormous blooms, 3 to 4 inches in diameter, velvety, dark wine-red or crimson in color. An entirely new shade in Morning-Glories. The first flowers will begin to appear in about 65 days from seed. A prolific bloomer. Flowers remain open practically all day. Pkt. 25 cts.

2292

China Aster, Early Giant Wilt-Resistant, Light Blue

Silver Medal, 1939 All-America Selections

Extremely large flowers of a clear light blue on stiff stems which branch from the base of the plant. Not subject to the prevalent Aster wilt, they are exceptionally well suited for cut-flower purposes. Pkt. 25 cts.

3234

Phlox Drummondi gigantea, Salmon Glory

Silver Medal, 1939 All-America Selections

The individual florets are truly gigantic for Phlox, measuring from 1¼ to 1½ inches across. Pure salmon-pink in color with a distinct creamy white eye. One of the most beautiful color combinations we have ever seen. Pkt. 25 cts.

3182

Petunia hybrida, Hollywood Star

Silver Medal, 1939 All-America Selections

Flowers of a rich, charming shade of rose with amber throat, unique in form, consisting of a five-pointed star. Early and free-blooming, the strong, vigorous plants are literally smothered with blooms. Pkt. 35 cts.

3056

Morning-Glory, Heavenly Blue

Ours is an early-blooming strain of this beautiful Morning-Glory, with flowers about 4 inches in diameter, of a beautiful sky-blue color. The foliage is not as profuse as on the older strain, but it is much earlier and produces a great many more flowers. Pkt. 25 cts.

3348

Scabiosa, Imperial Giant, Blue Moon

Honorable Mention, 1939 All-America Selections

Strikingly beautiful, the flower-form is as different from the existing Scabiosa variety as the dahlia-flowered zinnia differs from the old types of zinnias. This new type has flowers composed entirely of broad, heavy, wavy petals, eliminating the pin-cushion center entirely. Literally fully double, 2¾ inches across and 2 to 2¾ inches deep. The color is a rich deep lavender-blue, a shade which maintains its effectiveness indoors or out. Plants are extremely upright in growth, 36 to 40 inches tall. Ideal for cutting. Pkt. 25 cts.

General List of Annual Flower Seeds

No group of flowers will lend itself to such display of color combinations, interlocking blooming periods, various heights, and a profusion of blooms—all in the short period of our garden year. To assist the gardener to determine the proper culture to use on the different varieties of Flower Seeds, the key letters A, B, C, D, E, F, G, or H are shown under each variety on the following pages. This key letter refers to cultural instructions on page 2.

Varieties adaptable for Rock-Garden purposes are designated by the symbol ●

Adonis

Culture B. Cover seeds ⅛ in. Ht. 1 ft. Blooms continuously

2023 **Æstivalis.** *Pheasant's Eye.* ● Dark crimson flowers. Feathery foliage. Early flowering. Pkt. 10 cts.; ¼oz. 25 cts.

Ageratum

Culture B. Cover seeds ⅛ in. Ht. various. Blooms July to frost

2021 **Blue Cap.** A splendid new dwarf and compact variety with larger flowers and deeper color than Little Blue Star. Ideal for pot-culture or edging. Pkt. 20 cts.

2025 **Blue Perfection.** Large, deep blue flowers. Fine for edging beds and walks. Ht. 1 ft. Pkt. 10 cts.; ¼oz. 40 cts.

2026 **Little Blue Star.** Deep blue. Compact. Ht. 6 in. Pkt. 15 cts.; ⅛oz. 50 cts.

2027 **Little Dorrit, Azure-Blue.** Low and spreading. Pkt. 10 cts.; ¼oz. 30 cts.

2028 **Little Dorrit, Pure White.** The best low white. Pkt. 10 cts.; ¼oz. 30 cts.

2030 **Tall Blue.** Soft blue. Ht. 1½ to 2 ft. Pkt. 10 cts.; ¼oz. 30 cts.

Alyssum

Culture B. Cover seeds ¼ in. Ht. various. Blooms early summer to frost

A great favorite for borders, edgings, window-boxes, or baskets. Thrives anywhere.

2050 **Carpet of Snow.** ● Low and spreading; flowers white. Each plant about 1½ feet across and only 3 inches high. Pkt. 10 cts.; ¼oz. 25 cts.; oz. 75 cts.

2051 **Lilac Queen.** Like Little Gem in growth, but the sweet-scented flowers are delicate lavender. Pkt. 10 cts.; ¼oz. 25 cts.; oz. 75 cts.

2052 **Little Gem.** Compact and bushy, erect growing, covered with snowy white flowers. Ht. 4 to 6 in. Pkt. 10 cts.; ¼oz. 25 cts.; oz. 75 cts.

2054 **White Sweet.** Honey-scented. Pkt. 10 cts.; ¼oz. 15 cts.; oz. 40 cts.

Amaranthus

Culture A. Cover seeds ⅛ in. Prefers sun

Vigorous grower with brilliantly colored foliage.

2060 **Sunrise.** Brilliant bronzy crimson foliage. Each branch terminates in a tuft of scarlet-carmine leaves. Pkt. 10 cts.; ⅛oz. 40 cts.

2061 **Tricolor splendens gigantea.** *Joseph's Coat.* Foliage scarlet, yellow, and green. Ht. 4 ft. Pkt. 10 cts.; ¼oz. 30 cts.

Ageratum, Blue Cap

Antirrhinum · Snapdragon

Culture A. Cover seeds 1/8 in. Ht. various. Blooms July to frost

RUSTPROOF MAXIMUM GRANDIFLORUM

Special Strain. Tall

2090 **Alaska.** Snowflake-white.
2091 **Campfire.** Luminous scarlet.
2092 **Canary Bird.** Canary-yellow.
2093 **Copper Shades.** Copper-orange to old-gold.
2095 **Daffodil.** Deep primrose.
2094 **Loveliness.** Soft rose-pink.
2097 **Salmon.** Rose shades.

Each of above, pkt. 20 cts.; 1/8oz. 85 cts.

2096 **Finest Mixed.** Pkt. 15 cts.; 1/8oz. 65 cts.

RUSTPROOF NANUM GRANDIFLORUM

Special Strain. Medium

2098 **Bumble Bee.** Crimson.
2100 **Glowing Sunset.** Rosy scarlet.
2101 **Orange-Pink.** Orange, suffused pink.
2102 **Tangerine.** Bronzy orange.
2103 **Yellow Gem.** Clear yellow.

Each of above, pkt. 20 cts.; 1/8oz. 85 cts.

2104 **Finest Mixed.** Pkt. 15 cts.; 1/8oz. 65 cts.

ORDINARY MAMMOTH-FLOWERING, TALL

2105 **Apple Blossom.** Rosy pink.
2106 **Canary Bird.** Canary-yellow.
2107 **Cattleya.** Rosy lilac.
2108 **Copper King.** Velvety copper.
2110 **Defiance.** Bright scarlet.
2111 **Old Gold.** Golden yellow.
2112 **Purple King.** Deep garnet.
2113 **Ruby King.** Velvety ruby-red.
2114 **Snowflake.** Pure white.
2115 **The Rose.** Rosy pink.
2116 **Wallflower.** Wallflower-red.

Each of above, pkt. 15 cts.; 1/8oz. 65 cts.

2119 **COLLECTION: One pkt. each of above 11 varieties $1.25**

2125 **Mammoth Choice Mixed.** Pkt. 10 cts.; 1/4oz. 50 cts.

Antirrhinum

LARGE-FLOWERING SEMI-DWARF ANTIRRHINUMS

Ht. about 1 1/2 ft.

2130 **Carmine Queen.** Rose-carmine.
2131 **Climax.** Orange, shading to yellow.
2132 **Defiance.** Orange-scarlet.
2133 **Firebrand.** Bright scarlet.
2134 **Gloria.** Rich deep rose-pink.
2135 **Golden Queen.** Clear yellow.
2136 **Mauve Queen.** Lilac-mauve.
2137 **Philadelphia Pink.** Pure pink.
2138 **Purity.** Pure white.
2140 **Rose Dore.** Rose, suffused orange.

Each of above, pkt. 10 cts.; 1/4oz. 60 cts.

2139 **COLLECTION: One pkt. each of above 10 varieties 85 cts.**

2145 **Semi-Dwarf Choice Mixed.** Pkt. 10 cts.; 1/4oz. 50 cts.; oz. $1.50.

FORCING ANTIRRHINUMS FOR GREENHOUSE USE

2155 **Ceylon Court.** Canary-yellow.
2157 **His Excellency.** Orange-scarlet.
2158 **Jennie Schneider.** Rose-pink.
2160 **Peerless Pink.** Cameo-pink.
2161 **Rock's White.** Early. Pure white.
2162 **Roman Gold.** Golden yellow.

Each of above, pkt. 50 cts.

2150 **ROCK HYBRIDS.** ● Early-flowering hybrids forming small, compact bushes very suitable for rock-gardens. Mixture of rose, pink, purple, and mauve. Pkt. 25 cts.; 1/8oz. $1.00.

Anchusa

Culture B. Cover seeds 1/8 in. Ht. 1 1/2 to 2 ft. Blooms July to Oct.

2070 **Capensis, Blue Bird.** A new variety of compact habit, producing bright indigo-blue flowers. Pkt. 10 cts.; 1/4oz. 25 cts.

Arctotis

Blue-eyed African Daisy

Culture A. Cover seeds 1/8 in. Ht. 2 1/2 ft. Blooms July to frost. Prefers sun

2190 **Grandis.** Pure white blooms with a bluish center surrounded by a gold band. Pkt. 10 cts.; 1/4oz. 30 cts.

Asters

Culture A. Cover seeds 1/8 in. Ht. various

A reasonably fertile garden soil, enriched by an application of bone-meal the previous fall and in a sunny location, will give very satisfactory results in the culture of Asters.

GIANT SUNSHINE, IMPROVED

A supremely beautiful cross between California Giants and Dwarf Sunshine types. Growing fully 3 feet high, the enormous blooms, 5 to 6 inches across, with deep, cushiony centers, are carried on stiff stems.

2240 **Apple Blossom** 2242 **Lavender** 2244 **White**
2241 **Deep Rose** 2243 **Purple** 2245 **Choice Mixed**

Each of above, pkt. 25 cts.; 1/8oz. 75 cts.

2249 **COLLECTION: One pkt. each of the above 5 colors $1.00.**

2291 **Aster, Super-Giant Los Angeles**

Los Angeles is the largest and most fully double Aster known. The flowers, 6 to 8 inches across, are a lovely shell-pink blending to a creamy pink at the center. The plants are non-lateral with 6 to 8 long stems. Pkt. 25 cts.; 1/8oz. $1.00.

CALIFORNIA GIANT IMPROVED

The flowers are perfect in form and enormous in size, 5 to 6 inches across and fully double, carried on stout stems 1 1/2 to 2 feet long.

2200 **Deep Rose** 2202 **Peach Blossom** 2204 **White**
2201 **Light Blue** 2203 **Purple**

Each of above, pkt. 20 cts.; 1/8oz. 75 cts.

2209 **COLLECTION: One pkt. each of the above 5 colors 85 cts.**

2206 **Choice Mixed.** Pkt. 10 cts.; 1/8oz. 65 cts.

Many gardeners find it an advantage to sow some of the Hardy Annuals in the fall of the year. Below you will find a number of varieties particularly adapted for this purpose.

Candytuft	**Centaurea**	**Dianthus**
Eschscholtzia	**Larkspur**	**Poppy**
Portulaca	**Snapdragon**	**Sweet Peas**

Wilt-resistant Strains of Asters

The Fusarium Wilt to which the Aster has in the past been subject has now been brought under control by the introduction of these new wilt-resistant strains, which withstand the attacks of the wilt fungus, where non-resistant strains will succumb.

QUEEN OF THE MARKET ASTERS
(Wilt-resistant)

The first to bloom. Of medium height and branching habit. Popular for early cut-flowers. Ht. 1½ ft.

2221 **Blush-Pink** 2223 **Dark Blue** 2226 **White**
2222 **Crimson**

Each of above, pkt. 10 cts.; ¼oz. 75 cts.

2229 **COLLECTION: One pkt. each of above 4 colors 35 cts.**
2228 **Choice Mixed.** Pkt. 10 cts.; ¼oz. 65 cts.

EARLY ROYAL ASTERS
(Wilt-resistant)

These follow the Queen of the Market Asters. Large, full, double flowers on long, straight stems. Free blooming and fine for cutting. Ht. 2 ft. Blooms late July and Aug.

2231 **Azure-Blue** 2233 **Purple** 2237 **Choice Mixed**
2232 **Deep Rose** 2235 **White**

Each of above, pkt. 15 cts.; ⅛oz. 40 cts.

2239 **COLLECTION: One pkt. each of above 4 colors 50 cts.**

LATE AMERICAN BEAUTY ASTERS
(Wilt-resistant)

Rivaling the chrysanthemum in size, this variety is preeminently desirable for late cut-flower purposes. The flowers are full centered within curving petals. 2 to 3 ft. Blooms Sept. and Oct.

2211 **Crimson** 2213 **Purple** 2215 **White**
2212 **Lavender** 2214 **Rose**

Each of above, pkt. 15 cts.; ¼oz. 75 cts.

2219 **COLLECTION: One pkt. each of above 5 colors 65 cts.**
2217 **Choice Mixed.** Pkt. 15 cts.; ¼oz. 65 cts.

ASTERS, CREGO'S (Wilt-resistant)

Sturdy, branching plants, 2 feet tall. Large, fluffy flowers with flat, recurved, twisted petals on good stems. Fine for bedding or cutting. Blooms late Aug. to frost.

2288 **Blue Flame** 2281 **Purple** 2283 **White**
2280 **Crimson** 2282 **Rose** 2284 **Choice Mixed**

Each of above, pkt. 15 cts.; ⅛oz. 40 cts.

2289 **COLLECTION: One pkt. each of above 5 colors 60 cts.**

2293 **Enchantress.** A thoroughly dependable Wilt-resistant Aster of a luscious shade of salmon-rose, distinct from all other Aster colors yet developed. The flowers are large, of good substance, and there are a lot of them produced on long stems on strong, branching plants, which bloom quite early. This is a grand Aster that anyone can grow. Pkt. 25 cts.

AMERICAN LATE-BRANCHING ASTERS
(Wilt-resistant)

Blooming in late August until frost, these are the most popular and widely grown of all the Asters. Vigorous plants, 2½ feet or more in height, covered with large, double flowers on extra-long stems. Excellent for cutting.

2261 **Crimson** 2264 **Purple** 2266 **White**
2262 **Deep Rose** 2265 **Shell-Pink** 2268 **Choice Mixed**
2263 **Lavender**

Each of above, pkt. 15 cts.; ⅛oz. 40 cts.

2269 **COLLECTION: One pkt. each of above 6 colors 70 cts.**

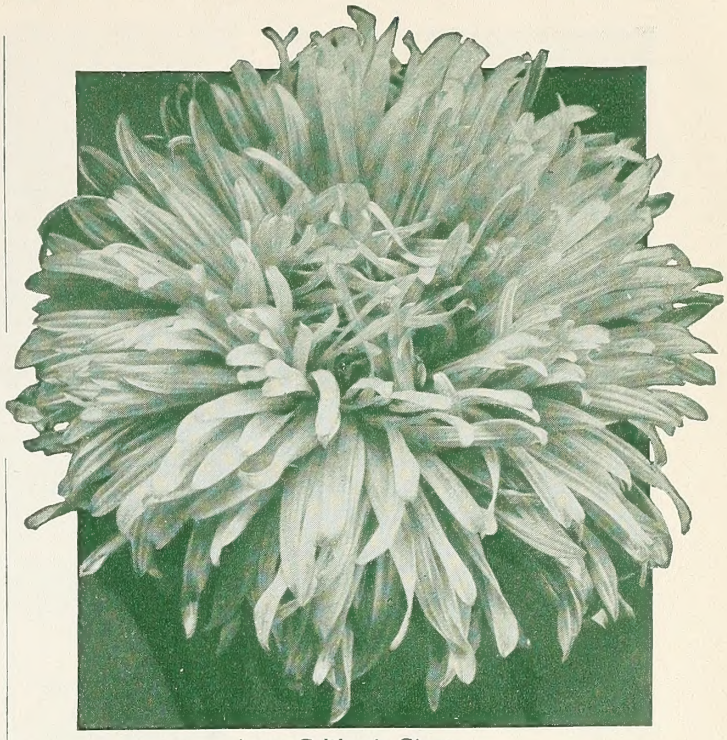
Four Superb Asters

2285 **Aurora.** Bright yellow center with delicate blue petals. Quite distinct from other Asters. Ht. 2 ft. Pkt. 15 cts.; ¼oz. $1.00.

2286 **Crimson Giant.** Showy bright crimson flowers of large size on long, strong stems. Ht. 2½ ft. Pkt. 15 cts.; ¼oz. 75 cts.

2287 **Lavender Gem.** Flowers of the Ostrich-Feather type which are silvery white when young and change to light lavender when fully expanded. Ht. about 1½ ft. Pkt. 15 cts.; ¼oz. 75 cts.

2290 **Peerless Yellow.** The best of the yellow Asters. Plants 2 feet tall with clear yellow flowers of good size and form on long stems. Fades slightly as it ages. Pkt. 15 cts.; ¼oz. $1.00.



Aster, California Giants

Balsam · Lady's Slipper

Culture B. Cover seeds ¼ in. Ht. 2 ft. Blooms July and Aug.

An old garden favorite producing brilliant, double, camellia-like flowers.

2302 **Crimson** 2304 **Salmon-Pink** 2305 **White**
2303 **Purple**

Each of above, pkt. 10 cts.; ¼oz. 35 cts.

2309 **COLLECTION: One pkt. each of above 4 colors 35 cts.**
2307 **Finest Mixed.** Pkt. 10 cts.; ¼oz. 30 cts.

Begonia

Culture E. Sow seed on top of soil and firm down with a flat board. Ht. various. Blooms summer and fall, and indoors in winter

The following varieties of Begonias are all of the everblooming type, forming sturdy, well-shaped plants literally covered with blossoms the year around when grown in pots for home decoration. They do equally well as bedding or border plants in sun or shade. Easily grown from seeds, they should be started indoors or in a hotbed.

2311 **Erfordi.** Handsome dark foliage and rosy carmine flowers. Ht. 10 in. Pkt. 25 cts.

2313 **Gracilis luminosa.** Fiery, dark scarlet flowers. Satiny brown foliage. Fine for winter flowering. Ht. 10 in. Pkt. 25 cts.

2314 **Gracilis, Prima Donna.** Large, handsome plants covered with bright rose-pink flowers. Shining green foliage. Ht. 10 to 12 in. Pkt. 25 cts.

2315 **Semperflorens, Albert Martin.** Extra-large flowers of bright crimson-scarlet. Dark foliage. Ht. 14 in. Pkt. 25 cts.

2316 **Semperflorens, Salmon Queen.** A most attractive new variety with large, salmon-colored blossoms and dark foliage. Ht. 12 in. Pkt. 25 cts.

2317 **Semperflorens, Vernon.** Often grown as a Christmas-flowering pot-plant and fine for bedding. Branching habit. Dark green foliage shaded bronzy red. Carmine-scarlet flowers. Ht. 12 in. Pkt. 15 cts.

2318 **Semperflorens, Dwarf Vernon.** Forms small, round, compact plants which are literally covered with brilliant red flowers. Foliage deep, brownish red. Ht. 8 to 10 in. Pkt. 15 cts.

2319 **Semperflorens, Christmas Cheer Red.** Dark crimson-scarlet blooms, 2 inches in diameter. Splendid for pots for Christmas. Ht. 10 in. Pkt. 25 cts.

2310 **Semperflorens, Choice Mixed.** Pkt. 15 cts.

Blue Lace Flower · Didiscus

Culture A. Cover seeds ⅛ in. Ht. 2 ft. Blooms July and Aug.

2328 **Cærulea.** The spreading flower-heads are made up of small, azure-blue flowers. Nice for cutting. Pkt. 10 cts.; ¼oz. 50 cts.

Candytuft, Giant Hyacinth-flowered

Calendula, Orange Shaggy

Hardy Carnations

Brachycome •

Swan River Daisy

Culture B. Cover seeds 1/8 in. Ht. 10 in. Blooms throughout the summer

Produces numerous dainty little flowers on graceful stems.

2330 **Blue** 2332 **White** 2334 **Finest Mixed**
2331 **Rose**

Each of above, pkt. 10 cts.; 1/4oz. 50 cts.

Browallia · Amethyst

Culture B. Cover seeds 1/8 in. Ht. 1 1/2 ft. Blooms summer and autumn

Easy to grow. A profuse-blooming bedding plant. If lifted in the fall and cut back, will bloom freely indoors during the winter.

2336 **Elata, Choice Mixed.** Blue and white flowers. Pkt. 10 cts.; 1/4oz. 40 cts.

2337 **Speciosa major.** Brilliant vivid blue flowers. Pkt. 25 cts.

Calendula · Pot Marigold

Culture B. Cover seeds 1/4 in. Ht. 18 to 20 in.
Blooms from midsummer to frost

The improvement of varieties and the wide range of their usage have endeared this old-fashioned favorite to the home gardener. Adapting itself to almost any soil condition, the seed should be sown in very early spring. Transplant to stand from 12 to 16 inches apart.

2340 **Ball's Gold.** Deep golden yellow. Pkt. 15 cts.; 1/4oz. 75 cts.

2341 **Ball's Orange.** Long-stemmed; deep glowing orange. Pkt. 15 cts.; 1/4oz. 75 cts.

2342 **Campfire** or **Sensation.** Dark orange. Pkt. 15 cts.; 1/4oz. 75 cts.

2343 **Radio.** Golden orange, with beautiful quilled petals. Pkt. 15 cts.; 1/4oz. 50 cts.

2344 **Chrysantha** or **Sunshine.** The flower-heads of clear buttercup-yellow are quite distinct. The long, narrow florets are flat and many of them are twisted and curled in the center. Free blooming and excellent for cutting, having a long, stiff stem. Pkt. 15 cts.; 1/4oz. 50 cts.

2345 **Orange Shaggy.** Deep orange in color with lighter centers; shaggy, chrysanthemum-like blooms. Pkt. 15 cts.; 1/4oz. 75 cts.

CALENDULAS OF MERIT

2346 **Lemon Queen.** Rich lemon-yellow.

2347 **Meteor.** Creamy white, striped orange.

2348 **Nankeen.** Cream, flushed apricot.

2350 **Orange King.** Dark center; rich orange-red.

Each of above, pkt. 10 cts.; 1/2oz. 25 cts.; oz. 40 cts.

2352 **Choice Double, Mixed.** Pkt. 10 cts.; 1/2oz. 20 cts.; oz. 35 cts.

Campanula

Annual Canterbury Bells

Culture A. Cover seeds 1/8 in. Ht. 1 1/2 ft. Blooms 5 to 6 months after seeding

2368 **Choice Annual, Mixed.** Something new in Canterbury Bells. Blooms profusely late the first season. Pkt. 20 cts.; 3 pkts. 50 cts.

Calliopsis · Bright Eyes

Culture D. Cover seeds 1/8 in. Ht. various. Blooms all summer

Forms an indispensable part of the garden with its vivid-colored flowers on long stems.

2365 **Gold Crest.** A great improvement over the old Calliopsis, Golden Wave. The flowers are large (2 1/2 inches or more in diameter), and have two rows of petals instead of the one row of the old variety. There is a narrow reddish brown zone around the center button. It has a pleasing mild scent. The plants are of good height, producing the flowers on splendid stems. Pkt. 15 cts.

2360 **Drummondi** (Golden Wave). Bright yellow flowers with brown eyes. Ht. 2 ft. Pkt. 10 cts.; 1/4oz. 30 cts.

2361 **Dwarf Crimson King.** Covered with dark, glowing crimson flowers. Ht. 8 in. Pkt. 10 cts.; 1/4oz. 30 cts.

2362 **Dwarf Tiger Star.** Flowers reddish brown striped with bright yellow. Pkt. 10 cts.; 1/4oz. 30 cts.

2363 **New Hybrids, Dwarf, Mixed.** Pkt. 10 cts.; 1/4oz. 25 cts.

2364 **New Hybrids, Semi-double Tall, Mixed.** Flowers bright yellow, old-gold, blood-red and brown, many spotted and striped. Pkt. 10 cts.; 1/4oz. 25 cts.

Candytuft · Iberis

Culture C. Cover seeds 1/4 in. Ht. 6 to 12 in.
Blooms 8 weeks from sowing; prefers sun

Ideal for edging and cutting. Easily grown.

2401 **Giant Hyacinth-flowered, Empress.** Very fine, large heads of pure white flowers. Ht. 1 ft. Pkt. 10 cts.; 1/4oz. 25 cts.; oz. 75 cts.

2402 **Dwarf Hyacinth-flowered, Little Prince.** ● Large trusses of pure white. Ht. 6 in. Pkt. 10 cts.; 1/4oz. 35 cts.

UMBELLATA VARIETIES

10 to 12 in.

2404 **Cream-White** 2406 **Lavender** 2407 **Rosy Red**
2405 **Crimson**

Each of above, pkt. 10 cts.; 1/4oz. 25 cts.; oz. 60 cts.

2408 **Choice Mixed.** Pkt. 10 cts.; 1/4oz. 25 cts.; oz. 60 cts.

Carnation

Dianthus caryophyllus

Culture A. Cover seeds 1/8 in. Ht. 10 to 15 in.

General favorites that appeal to the flower-lover. Fragrant cut-flowers.

MARGUERITE

Bloom from July to frost from February-sown seed. Large flowers.

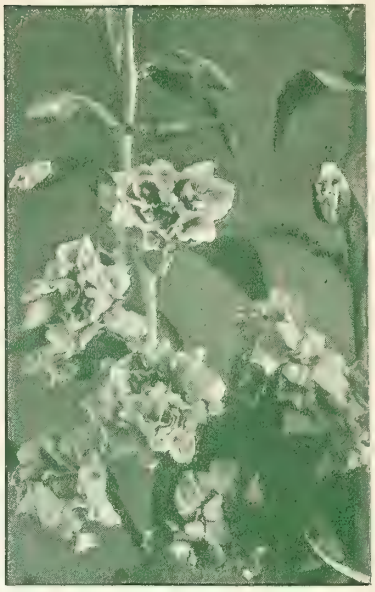
2426 **Rose** 2428 **White** 2430 **Yellow**
2427 **Scarlet**

Each of above, pkt. 10 cts.; 1/8oz. 50 cts.

2425 **Choice Mixed.** Pkt. 10 cts.; 1/8oz. 35 cts.

Centaurea, Jubilee Gem

Cheiranthus Allioni



Clarkia

Celosia · Cockscomb

Culture A. Cover seeds 1/8 in. Ht. various. Blooms July to frost

The always showy, crested or plumed Cockscombs are easily grown and retain their color, even when dry for a long time.

PLUMOSA · Feathered Cockscomb

Pyramidal, pointed plumes. Makes grand pot-plants and gorgeous beds. Ht. 2 ft.

Thompsoni magnifica. Splendid improved strain.

2440 **Crimson** 2442 **Yellow** 2445 **Choice Mixed**
2441 **Fiery Red**

Each of above, pkt. 10 cts.; 1/4oz. 50 cts.

2446 **Pride of Castle Gould.** Pyramidal plants with immense flower-heads shaped like ostrich plumes in many brilliant colors. Pkt. 25 cts.; 1/8oz. 75 cts.

CHILDSI · Chinese Woolflower

The finest of the Celosias for bedding and cutting. Each plant produces many enormous ball-shaped flower-heads. Ht. 2 ft.

2450 **Crimson** 2452 **Yellow** 2455 **Choice Mixed**
2451 **Pink**

Each of above, pkt. 15 cts.; 1/8oz. 35 cts.

CRISTATA · Cockscomb

Distinct and handsome. Makes fine decorative plants with comb-like heads of large size.

2460 **Empress.** Enormous crimson heads. Dark foliage. Ht. 1 ft. Pkt. 10 cts.; 1/4oz. 40 cts.
2462 **Dwarf, Mixed.** Combs in shades of red and yellow. Plants average 8 inches high. Pkt. 10 cts.; 1/8oz. 35 cts.

Centaurea

Culture D. Cover seeds 1/4 in. Ht. 2 to 3 ft. Blooms June to Aug.

CYANUS · Bachelor's Button

2494 **Jubilee Gem.** Very dwarf, compact plants 1 foot high completely covered with quite large and double flowers. Rich deep cornflower-blue in color. Pkt. 20 cts.; 1/8oz. 50 cts.

SUPER GIANTS SPECIAL STRAIN

Fully double with exceptionally long stems and brilliant intensified colors.

2470 **Blue Boy** 2472 **Pinkie** 2473 **Snowman**
2471 **Red Boy**

Each of above, pkt. 10 cts.; 1/4oz. 30 cts.

2479 **COLLECTION: One pkt. each of above 4 colors 35 cts.**
2475 **Choice Double, Mixed.** Pkt. 10 cts.; 1/4oz. 20 cts.

CENTAUREA IMPERIALIS · Royal Sweet Sultan

Long-stemmed and delightfully fragrant. Sow in succession every two weeks until July.

2481 **Deep Lavender** 2483 **Purple** 2485 **Red**
2482 **Lilac** 2484 **Rose** 2486 **White**

Each of above, pkt. 10 cts.; 1/4oz. 35 cts.

2489 **COLLECTION: One pkt. each of above 6 colors 50 cts.**
2488 **Choice Mixed.** Pkt. 10 cts.; 1/4oz. 30 cts.
2491 **Americana.** *Basket Flower.* A giant variety with immense blooms of rosy lavender. Pkt. 10 cts.; 1/4oz. 50 cts.
2493 **Suaveolens.** *Yellow Sweet Sultan.* Bright yellow flowers, sweetly scented. Pkt. 10 cts.; 1/4oz. 50 cts.

DUSTY MILLER

Culture A. Cover seeds 1/8 in. Ht. 1 ft.

2495 **Candidissima.** Broad cut foliage of silvery gray. Pkt. 10 cts.; 1/8oz. 50 cts.
2496 **Gymnocarpa.** Cut silvery foliage. Pkt. 10 cts.; 1/4oz. 40 cts.

Cheiranthus · Siberian Wallflower

Culture A. Cover seeds 1/8 in. Ht. 1 ft.

2505 **Allioni.** ● A dwarf perennial best treated as an annual. Brilliant heads of orange flowers. Ideal for edging or rock-gardens. Pkt. 10 cts.; 1/4oz. 40 cts.

Chrysanthemum · Painted Daisy

Culture B. Cover seeds 1/8 in. Ht. 2 ft. Blooms in late summer

Very showy. Equally useful for garden or pot-culture. Dainty cut-flower. Give plenty of room.

2515 **Burridgeanum.** White petals, brownish red zone. Pkt. 10 cts.; 1/4oz. 40 cts.
2516 **Evening Star.** Rich golden yellow. Pkt. 10 cts.; 1/4oz. 40 cts.
2517 **Inodorum, Bridal Robe.** Very double, pure white, daisy-like flowers. Fine for cutting. Pkt. 10 cts.; 1/4oz. 50 cts.
2518 **Morning Star.** Canary-yellow with deeper center. Pkt. 10 cts.; 1/4oz. 40 cts.
2520 **Northern Star.** Large blooms with white petals and light yellow zone around a dark brown eye. Pkt. 10 cts.; 1/4oz. 40 cts.
2522 **Finest Single, Mixed.** Many bright colors. Pkt. 10 cts.; 1/4oz. 25 cts.
2523 **Finest Double, Mixed.** Pkt. 10 cts.; 1/4oz. 30 cts.

Clarkia Elegans

Culture D. Cover seeds 1/4 in. Ht. 2 ft. Blooms July and Aug.

Lovely, graceful plants whose long racemes resemble sprays of flowering almond. Will last well in water if cut while in bud.

2540 **Apple Blossom** 2543 **Salmon Queen**
2541 **Brilliant Crimson** 2544 **Scarlet Queen**
2542 **Purple Prince** 2545 **White Prince**

Each of above, pkt. 10 cts.; 1/4oz. 30 cts.

2549 **COLLECTION: One pkt. each of above 6 colors 50 cts.**
2546 **Choice Mixed.** Pkt. 10 cts.; 1/4oz. 25 cts.

Cleome

Giant Spider Plant

Culture B. Cover seeds ¼ in. Ht. 3 to 5 ft. Blooms continuously

2550 **Gigantea.** Spikes of rose-pink flowers which, on account of their long wiry stamens, bear a strange resemblance to spiders. A vigorous grower and bloomer. Pkt. 10 cts.; ¼oz. 25 cts.

Cosmos

Culture D. Cover seeds ¼ in. Ht. various

A popular, friendly annual that, with its bright colors, feathery foliage, and long stems, is particularly good for cutting. Its height commends it for the tall border.

2602 **Klondyke, Orange Flare.** This early-flowering strain blooms in 4 months from the time of sowing. Vivid orange blooms on well-shaped plants, with marigold-like foliage. Ht. 2 to 3 ft. Pkt. 15 cts.; ⅛oz. 50 cts.

2600 **Klondyke.** Grows about 4 feet high and bears a profusion of orange-yellow flowers 2 to 3 inches in diameter. Blooms late in season. Pkt. 10 cts.; ¼oz. 50 cts.

Cosmos, Sensation

SENSATION

Flowers 4 to 5 inches across with broad, heavy, fluted petals on stiff stems. Will produce flowers 8 to 10 weeks from time of sowing.

2603 **Pinkie.** Pure rose-pink. Pkt. 15 cts.; ¼oz. 75 cts.

2604 **Purity.** Pure glistening white. Pkt. 15 cts.; ¼oz. 75 cts.

NEW EARLY DOUBLE CRESTED

About 75 per cent of the seedlings will bear large, beautifully formed flowers with full-double centers and an outer row or crest of guard petals. Ht. 5 ft. Blooms July to frost.

2575 **Crimson** 2577 **White** 2580 **Choice Mixed**
2576 **Pink**

Each of above, pkt. 20 cts.; ¼oz. $1.00

2579 **COLLECTION: One pkt. each of above 3 colors 50 cts.**

MAMMOTH EARLY-FLOWERING

An extra-select strain combining extreme earliness with great vigor and unusual size of flowers, often measuring 4 inches across. Ht. 5 ft. Blooms July to frost.

2585 **Crimson** 2587 **White** 2590 **Choice Mixed**
2586 **Pink**

Each of above, pkt. 10 cts.; ¼oz. 25 cts.

2589 **COLLECTION: One pkt. each of above 3 colors 25 cts.**

GIANT LATE (LADY LENOX)

2598 **Giant Mixed.** Pkt. 10 cts.; ¼oz. 25 cts.

Coleus

Culture E. Cover seeds ⅛ in. Ht. 1½ ft. Prefers sun

Grown for both house and garden for their attractive brilliant variegated leaves.

2560 **Prize Mixed.** Seed saved from collections of the newest and choicest varieties. Pkt. 25 cts.

Cynoglossum

Culture B. Cover seeds ⅛ in. Ht. 2 ft. Blooms June to July

2635 **Amabile.** *Chinese Forget-me-not.* Blue Forget-me-not-like flowers, delicately sweet scented. Pkt. 10 cts.; ¼oz. 25 cts.

Dahlia

Culture A. Cover seeds ¼ in. Ht. various

An interesting way to obtain new color schemes in Dahlias is to start them from seed indoors. The Coltness Hybrids will bloom in July and the Show and Cactus classes in August and September.

2645 **Coltness Hybrids.** A new form of the dwarf single type. The flowers measure about 3 inches across and come in many bright colors. Ht. about 1½ ft. Pkt. 25 cts.; ⅛oz. 60 cts.

2646 **Double Large-flowering Show Varieties.** Saved from the most double flowers. Pkt. 20 cts.; ⅛oz. 60 cts.

2647 **Cactus Varieties.** Saved from the finest new sorts. Large and showy. Pkt. 35 cts.; ⅛oz. $1.00.

Datura · Angel's Trumpet

Culture B. Cover seeds ⅛ in. Ht. 1½ ft. Blooms Aug. to frost. Prefers sun

2650 **Cornucopia.** Strong, bushy plants with coarse foliage and large, very sweet-scented flowers. Interior white, exterior violet-purple. Pkt. 10 cts.; ¼oz. 40 cts.

Dianthus · Garden Pinks

Culture D. Cover seeds ⅛ in. Ht. 1 ft. Blooms June to Sept.

Like a greeting out of the past, the Pinks of our mother's garden never lose their delightful charm.

SINGLE ANNUAL

Strong, sturdy growers of easy culture, requiring a moderate amount of sunshine.

2670 **Crimson Belle.** Rich velvety crimson. Pkt. 10 cts.; ¼oz. 30 cts.

2671 **Eastern Queen.** Delicately marbled rose and mauve flowers. Pkt. 10 cts.; ¼oz. 30 cts.

2672 **Purity.** Large, snow-white flowers; clove-scented. Fine for cutting. Pkt. 10 cts.; ¼oz. 30 cts.

2673 **Salmon Queen.** Deep rosy salmon, beautifully fringed. Pkt. 10 cts.; ¼oz. 50 cts.

2675 **Choice Single Mixed.** Many brilliant colors. Pkt. 10 cts.; ¼oz. 30 cts.

DOUBLE ANNUAL

2677 **Fireball.** Very double, bright red flowers. Splendid bedder. Ht. 8 in. Pkt. 10 cts.; ¼oz. 50 cts.

2678 **Lucifer.** A popular fringed variety with brilliant flowers of geranium-red about 2 inches across. Pkt. 10 cts.; ¼oz. 50 cts.

2680 **Mourning Cloak.** Laciniated petals of deep, blackish crimson, with a narrow silvery margin. Pkt. 10 cts.; ¼oz. 50 cts.

2681 **Snowball.** Pure white, fringed petals. Ht. 8 in. Pkt. 10 cts.; ¼oz. 50 cts.

2683 **Choice Double, Mixed.** All colors in Double Pinks. Pkt. 10 cts.; ¼oz. 40 cts.

2679 **COLLECTION: One pkt. each of the 4 Single Pinks and 4 Double Pinks, 8 pkts., 60 cts.**

2685 **Sweet Wivelsfield.** *Hybrid Dianthus.* This new annual Dianthus is a cross between *Dianthus Allwoodi* and Sweet William and resembles the latter. Choice mixture of various colors. Pkt. 15 cts.; ⅛oz. 40 cts.

Dimorphotheca

African Orange Daisy

Culture B. Cover seeds ⅛ in. Ht. 15 in. Blooms during summer and fall. Prefers sun

A native of far-off Africa, it rewards the efforts of the real lover of flowers a hundred-fold.

2700 **Aurantiaca.** Fine, large many-petaled flowers, deep ochre or orange-yellow, with a black zone at the base, and a small brown disc. Pkt. 10 cts.; ¼oz. 50 cts.

2701 **New Hybrids.** Single and semi-double flowers varying in color from creamy white to deepest yellow, salmon-rose, and orange. Pkt. 10 cts.; ¼oz. 50 cts.

Eschscholtzia

California Poppy

Culture C. Cover seeds ⅛ in. Ht. 1 ft. Blooms midsummer to frost. Prefers sun

The state flower of California. Its lovely silky flowers are borne in profusion. The foliage is bluish green, airy and lacy.

ERECT DWARF VARIETIES

2721 **Lovely.** Bright rose-pink suffused with salmon inside and out; satiny finish. Pkt. 10 cts.; ¼oz. 50 cts.

2722 **Mauve Beauty.** An entirely new shade of beautiful pure mauve. Pkt. 10 cts.; ¼oz. 50 cts.

2724 **Scarlet Beauty.** The brightest red in Eschscholtzias. Vivid scarlet flowers with bluish foliage. Very effective. Pkt. 10 cts.; ¼oz. 50 cts.

2725 **The Geisha.** Beautifully fluted flowers; inside yellow, outside orange-red. Pkt. 10 cts.; ¼oz. 40 cts.

2727 **White.** Large flowers. Sage-green foliage. Pkt. 10 cts.; ¼oz. 30 cts.

2730 **New Hybrids, Mixed.** A fine blend of superb colors in the new large-flowering, erect type. Pkt. 10 cts.; ¼oz. 40 cts.

SPREADING VARIETIES

2720 **Golden West.** Fine, large, golden yellow flowers, blotched with orange at the base of the petals. Pkt. 10 cts.; ¼oz. 30 cts.

2723 **Mikado.** Bright orange-crimson flowers. Pkt. 10 cts.; ¼oz. 40 cts.

2726 **Vesuvius.** Brilliant wallflower-red. Pkt. 10 cts.; ¼oz. 40 cts.

2731 **Choice Single, Mixed.** Assortment of beautiful colors. Pkt. 10 cts.; ¼oz. 30 cts.

Euphorbia

Culture various. Cover seeds ⅛ in. Ht. various. Prefers sun

Natives of our great West and Southwest. Grown for their attractive foliage.

2740 **Heterophylla**. *Annual Poinsettia.* **Culture B.** A striking annual with glossy green foliage which changes to a beautiful orange-scarlet about midsummer. Ht. 2 to 3 ft. Pkt. 10 cts.; ¼oz. 50 cts.

2741 **Variegata.** *Snow-on-the-Mountain.* **Culture D.** Robust grower. Foliage margined white. Ht. 2 ft. Pkt. 10 cts.; ¼oz. 25 cts.

Everlasting Flower

Culture B. Cover seeds ⅛ in. Ht. various. Blooms all summer

A group of plants that are chiefly grown for their everlasting effect. They may be cut and dried, retaining their natural colors for indoor winter decorations.

2744 **Acroclinium roseum fl.-pl.** Many-petaled, double, rose-colored flowers. Ht. 1 to 1½ ft. Pkt. 10 cts.; ¼oz. 25 cts.

2746 **Acroclinium, Large-flowered Double Hybrids.** The flowers, fully twice as large as the ordinary strain, are produced over a long period on stems 1 to 1½ feet long in a delightful range of colors. Pkt. 15 cts.; ¼oz. 50 cts.

2745 **Ammobium alatum grandiflorum.** Double; pure white. Ht. 2 ft. Pkt. 10 cts.; ¼oz. 25 cts.

2748 **Gomphrena, Choice Mixed.** Upright-growing plants with showy foliage and small, brightly colored, globe-shaped flowers. Pkt. 10 cts.; ¼oz. 25 cts.

Helichrysum · Straw Flower

The best of the Everlastings. Large, very double flowers. Fine for cutting.

2750 **Fire Ball.** Crimson-scarlet.
2751 **Golden Ball.** Yellow.
2752 **Rose Queen.** Bright rose.
2753 **Salmon Queen.** Salmon.
2754 **Silver Ball.** White.
2755 **Violet Queen.** Violet.

Each of above, pkt. 10 cts.; ¼oz. 30 cts.

2759 **COLLECTION: One pkt. each of above 6 colors 50 cts.**

2757 **Finest Mixed.** Pkt. 10 cts.; ¼oz. 25 cts.

2760 **Rhodanthe Manglesi.** Neat, slender plants with silvery leaves and dainty pink and white flowers on long, nodding stems. Ht. 1½ ft. Pkt. 10 cts.; ¼oz. 25 cts.

2761 **Xeranthemum annuum.** *Immortelle.* Tall, semi-double flowers in white, rose, purple, and violet. Ht. 2 to 3 ft. Pkt. 10 cts.; ¼oz. 25 cts.

Feverfew · Matricaria

Culture B. Cover seeds ⅛ in. Ht. 2½ ft. Blooms July and Aug.

2765 **Double.** A very free-flowering border plant, bearing masses of little, creamy white flowers. Pkt. 10 cts.; ¼oz. 40 cts.

Four-o'Clocks

Marvel of Peru; Mirabilis

Culture C. Cover seeds ¼ in. Ht. 2 ft. Blooms June to Sept.

A free-blooming old favorite that will thrive under all conditions Sweet scented.

2774 **Crimson**	2776 **Rose**	2780 **White**
2775 **Lilac**	2777 **Yellow**	2782 **Finest Mixed**

Each of above, pkt. 10 cts.; oz. 25 cts.

2779 **COLLECTION: One pkt. each of above 5 colors 40 cts.**

Gaillardia

Gaillardia · Blanket Flower

Culture B. Cover seeds ⅛ in. Ht. 1½ ft. Blooms all summer

Showy and easily grown annuals. Excellent for the border or cutting.

2790 **Red and Gold.** Golden yellow and maroon. Pkt. 10 cts.; ¼oz. 35 cts.

2792 **Picta, Indian Chief.** Fine rich bronzy red. Pkt. 10 cts.; ¼oz. 50 cts.

2794 **Picta, Single, Mixed.** Beautiful blending of shades. Pkt. 10 cts.; ¼oz. 25 cts.

2795 **Picta, Double, Mixed.** Fine mixture of various colors. Pkt. 10 cts.; ¼oz. 30 cts.

Godetia · Satin Flower

Culture B. Cover seeds ⅛ in. Ht. various. Blooms June to Oct.

This charming hardy annual blooms profusely and bears azalea-like showy flowers of satiny texture in many rich and varied colors Excellent for the border or as a pot-plant.

SINGLE DWARF VARIETIES 1 ft.

2815 **White Swan.** Large satiny pure white blossoms.

2816 **Lady Satin Rose.** Satiny sheen on brilliant rose.

2818 **Single, Choice Mixed.** Many rich colors.

Each of above, pkt. 10 cts.; ¼oz. 25 cts.

TALL DOUBLE AZALEA-FLOWERED 2 ft.

2820 **Carmine**	2822 **Mauve**	2825 **Choice Mixed**
2821 **Crimson**	2823 **Pink**	

Each of above, pkt. 10 cts.; ¼oz. 30 cts.

Larkspur, Giant Imperial

Grasses, Ornamental

Culture B. Cover seeds 1/8 in. Ht. various. Likes moisture and sun

Specimen plants, clumps, or entire beds of harmonious varieties are always interesting. All are valuable for cutting or decorative effects in the garden.

2840 **Coix Lacryma-Jobi.** *Job's Tears.* The seeds are strung as beads. Ht. 1½ ft. Pkt. 10 cts.; oz. 25 cts.
2841 **Eragrostis elegans.** *Love Grass.* Nice for bunching with sweet peas, etc. Ht. 1½ ft. Pkt. 10 cts.; ¼oz. 25 cts.
2845 **Pennisetum Ruppeli.** *Purple Fountain Grass.* Purple plumes. Ht. 2½ ft. Pkt. 10 cts.; ¼oz. 35 cts.
2846 **Pennisetum villosum (longistylum).** Known as Fountain Grass. Greenish white plumes. Ht. 2½ ft. Pkt. 10 cts.; ¼oz. 30 cts.

Gypsophila · Baby's Breath

Culture B. Cover seeds 1/8 in. Ht. 1½ ft. Blooms about 6 to 7 weeks after sowing
Repeated sowings necessary for continuous bloom

The smallest and daintiest flower in the garden. Exceptionally good for cutting.

2860 **Elegans grandiflora alba.** An improved, large-flowered, white form of the famous Covent Garden strain. Pkt. 10 cts.; ¼oz. 15 cts.; oz. 40 cts.
2861 **Elegans carminea.** Bright carmine-rose. Pkt. 10 cts.; ¼oz. 15 cts.; oz. 40 cts.
2862 **Elegans rosea.** Small, rose-pink flowers. Pkt. 10 cts.; ¼oz. 15 cts.; oz. 40 cts.
2863 **Muralis.** ● Charming rock-garden or edging variety covered all season by dainty little rose-pink flowers. Ht. 8 to 10 in. Pkt. 10 cts.; ¼oz. 35 cts.

Helianthus · Sunflower

Culture B. Cover seeds ¼ in. Ht. various. Blooms July to frost

The larger forms are useful for massive border planting; the small-flowered type is ideal for cutting.

2875 **Cucumerifolius, Miniature.** Bushy plants producing many bright orange, single flowers. Ht. 3 ft. Pkt. 10 cts.; ¼oz. 20 cts.
2876 **Cucumerifolius, Stella.** Single; golden yellow with black disc. Pkt. 10 cts.; ¼oz. 25 cts.
2878 **Double Chrysanthemum-flowered.** Large, bright golden yellow flowers resembling chrysanthemums, borne in profusion on strong plants 6 to 8 feet tall. Pkt. 10 cts.; ¼oz. 20 cts.
2880 **New Red Sunflower.** Large, single flowers in many shades of red and combinations of red and yellow, all very showy. Ht. 5 to 7 ft. Pkt. 10 cts.; ¼oz. 20 cts.
2882 **Choice Single, Mixed.** Pkt. 10 cts.; ¼oz. 25 cts.

Heliotrope · Cherry Pie

Culture E. Cover seeds 1/8 in. Ht. 1½ ft. Blooms in midsummer

Delightfully fragrant, desirable both for the garden and for cutting.

2885 **Black King.** Of compact growth, with very dark stems and foliage, and deep purple flowers. A fine bedding variety. Pkt. 15 cts.; ⅛oz. 60 cts.
2886 **White Lady.** Flowers white. Pkt. 15 cts.; ⅛oz. 60 cts.
2887 **Lemoine's Giant Hybrids.** Tall and strong-growing, with large flowers in white and shades of blue and violet. Pkt. 15 cts.; ⅛oz. 50 cts.

Hunnemannia

Giant Yellow Tulip Poppy

Culture C. Cover seeds 1/8 in. Ht. 1½ ft. Blooms late July to frost

Goldencup Aristocrat among the Poppies.

2920 **Sunlite.** Very brilliant yellow. Semi-double. Pkt. 10 cts.; ¼oz. 30 cts.

Kochia · Burning Bush

Culture B. Cover seeds 1/8 in. Ht. 3 ft.

2925 **Trichophylla Childsi.** Symmetrical plants which form beautiful specimens or a quick-growing hedge. Resembles a small cypress tree. Pkt. 10 cts.; ¼oz. 20 cts.

Larkspur · Annual Delphinium

Culture D. Cover seeds 1/8 in. Ht. 2 to 4 ft. Blooms July to frost

Bears long racemes of lovely colored flowers well adapted for cut-flowers.

GIANT IMPERIAL VARIETIES

Tall, upright, basal branching in habit. A decided improvement over other types. Bears long spikes of double flowers. Very ornamental.

2935 **Blue Spire.** Intense deep Oxford-blue.
2936 **Carmine King.** Deep carmine-rose.
2944 **Exquisite Pink.** Shaded salmon.
2937 **Gloria.** Rich deep rose.
2938 **Lilac Spire.** Beautiful lilac.
2940 **Peach Blossom.** Clear, light pink.
2941 **White Spire.** Dazzling pure white.
2943 **Imperial, Finest Mixed.** All colors.

Each of above, pkt. 15 cts.; large pkt. 25 cts.; ¼oz. 50 cts.

2939 **COLLECTION: One pkt. each of above 7 varieties, 85 cts.**

TALL DOUBLE STOCK-FLOWERED VARIETIES

These are favorites for cutting and for tall borders. They produce many candelabra-like trusses of beautiful flowers. Vigorous, early, and free blooming.

2951 **Exquisite.** A most desirable color in this useful class. Exquisite, clear, light rose-pink. Excellent cut-flowers. Pkt. 10 cts.; ¼oz. 50 cts.
2952 **La France.** Clear salmon-pink. Plants of upright growth, free flowering. Ideal cut-flowers. Pkt. 15 cts.; ¼oz. 50 cts.

2947 **Carmine**	2953 **Lilac**	2956 **White**
2948 **Dark Blue**	2954 **Shell-Pink**	2958 **Choice Mixed**
2950 **Deep Rose**	2955 **Sky-Blue**	

Each of above, pkt. 10 cts.; ¼oz. 25 cts.

Lantana Hybrida

Culture E. Cover seeds ¼ in. Ht. various. Seed slow to germinate

Dainty bedding or pot-plants producing verbena-like clusters of varicolored flowers.

2930 **Dwarf Compact, Mixed.** A new and improved strain. Ht. 1 ft.
2931 **Tall, Mixed.** Ht. 2 ft.

Each of above, pkt. 10 cts.; ¼oz. 30 cts.; ½oz. 50 cts.

Lavatera · Annual Mallow

Culture C. Cover seeds 1/8 in. Ht. 2 ft. Blooms all summer

Splendens. Beautiful showy and bushy plants bearing a profusion of cup-shaped flowers.

2962 **Bright Rose** 2963 **Pure White**

Each of above, pkt. 10 cts.; ¼oz. 25 cts.

Linaria

Culture B. Cover seeds 1/8 in. Ht. 1 ft. Blooms in 9 weeks from seed

2968 **Maroccana Hybrids.** ● Small spikes resembling miniature snapdragons; brilliant colors. Pkt. 10 cts.; ¼oz. 25 cts.

Linum · Flowering Flax

Culture C. Cover seeds ⅛ in. Ht. 15 in. Blooms all summer

2970 **Grandiflorum rubrum.** *Crimson Flax.* Showy bedding plants with brilliant glossy red flowers on delicate stems. Pkt. 10 cts.; ¼oz. 25 cts.

Lobelia

Culture E. Cover seeds ⅛ in. Ht. 6 in. Blooms continuously

Dainty, profuse bloomers especially adapted for edging, porch-boxes, and baskets.

2975 **Compacta, Crystal Palace.** Erect and very free blooming. Rich azure-blue flowers. Dark green foliage. Pkt. 15 cts.; ⅛oz. 50 cts.

2976 **Compacta, Emperor William.** Dark blue flowers. Pkt. 15 cts.; ⅛oz. 50 cts.

2978 **Compacta, Mixed.** Excellent for bedding. Pkt. 10 cts.; ⅛oz. 50 cts.

2980 **Gracilis, Blue.** Light blue flowers. Bright green foliage. Trailing. Pkt. 10 cts.; ⅛oz. 40 cts.

Lupinus · Sun-Dial

Culture C. Cover seeds ½ in. Ht. various. Blooms midsummer

Old favorites. Ideal for bedding or cutting.

GIANT KING VARIETIES

This giant strain grows 1½ feet taller and has 25 to 50 more blooms to the spike than the Hartwegi type.

3002 **Blue** 3003 **White** 3004 **Mixed**

Each of above, pkt. 20 cts.; 3 for 50 cts.

HARTWEGI VARIETIES

Vigorous growers with large spikes of showy flowers. Ht. 2 ft.

2987 **Dark Blue** 2990 **Sky-Blue** 2991 **White**
2988 **Rose**

Each of above, pkt. 10 cts.; ½oz. 30 cts.

2993 **Choice Mixed.** Pkt. 10 cts.; ½oz. 25 cts.; oz. 40 cts.

See Perennial Section for Hardy Lupins

Marigold

Culture B. Cover seeds ⅛ in. Ht. various. Blooms July to frost

The Mary's Gold of our grandmother's garden. The African class produces large flowers in orange and lemon shades; the dwarf French sorts have smaller flowers in various combinations of colors.

3014 **Crown of Gold.** The plants, attaining a height of 30 inches, are of spreading habit. Early and free flowering, absolutely free of the objectionable Marigold odor. The flowers, of a rich orange color, are 2½ inches in diameter, with a curled and quilled center; very fragrant. Pkt. 20 cts.

3005 **Guinea Gold.** Ideal for cutting, it carries its large, orange-colored, semi-double flowers on strong stems. Ht. 2½ ft. Pkt. 15 cts.; ¼oz. 75 cts.

3011 **Yellow Supreme.** Unsurpassed for cutting and exhibition purposes. Produces 100 per cent fluffy, double, carnation-like, creamy lemon-yellow blooms. The plants are 2½ to 3 feet tall, vigorous and free branching. Pkt. 15 cts.

CHRYSANTHEMUM-FLOWERED (INCURVED MARIGOLDS)

Flowers like perfectly formed, incurved chrysanthemums, very round, 3 to 4 inches in diameter. Plants bushy, producing generous quantities of blooms.

3035 **Golden Orange** 3037 **Mixed**

Each of above, pkt. 20 cts.

3038 **Quilled and Imbricated Hybrids.** Pkt. 15 cts.

TALL AFRICAN

3006 **Lemon Alldouble.** A fine strain of African Marigold, developed in recent years, which comes in a very high percentage of large, closely quilled, double heads, and a small percentage of loosely formed heads which are equally beautiful and useful for cutting. Pkt. 15 cts.; ¼oz. 75 cts.

3007 **Orange Alldouble.** The darker form of the preceding variety. Ht. 2½ ft. Pkt. 15 cts.; ¼oz. 75 cts.

3008 **Lemon Queen.** Soft lemon-yellow. Pkt. 10 cts.; ¼oz. 50 cts.

3010 **Orange Prince.** Deep golden orange. Pkt. 10 cts.; ¼oz. 50 cts.

3012 **Finest Double African, Mixed.** Pkt. 10 cts.; ¼oz. 25 cts.

DWARF FRENCH

3015 **Golden Ball.** Pure golden yellow, double flowers of good size. Pkt. 10 cts.; ¼oz. 30 cts.

3016 **Gold-striped.** Double flowers; golden yellow striped mahogany-red. Pkt. 10 cts.; ¼oz. 30 cts.

3022 **Harmony.** Lovely little double flowers with outer petals of various shades of burnt orange and large center cushions of deep orange. The 12 to 15-inch mound-like plants are covered with blooms over a long period. A fine cut-flower and a splendid bedding plant. Pkt. 15 cts.

3013 **Alldouble, Dwarf Royal Scot.** Growth dwarf and bushy. Flowers rich mahogany and gold, uniformly striped and practically 100 per cent double. Height 10 to 12 inches. A wonderful variety for florist and home gardener. Pkt. 20 cts.

3017 **Finest Double French, Mixed.** Pkt. 10 cts.; ¼oz. 25 cts.

3020 **Legion of Honor (Little Brownie).** A charming single-flowering Marigold forming compact bushes 9 inches high. Flowers bright yellow, blotched with brown. Pkt. 10 cts.; ¼oz. 30 cts.

3021 **Signata pumila (Tagetes).** ● Dwarf, compact, and bushy; grows 9 inches high and is splendid for edging; covered with flowers of brilliant golden yellow. Pkt. 10 cts.; ¼oz. 50 cts.

Mignonette · Reseda

Culture A. Cover seeds ⅛ in. Ht. 15 in.

Owing to its fragrance, is indispensable for bedding, cutting, and potting for winter. For succession of bloom make a second sowing in July.

3030 **Defiance.** Long spikes of grayish white florets. One of the best for cutting. Pkt. 10 cts.; ¼oz. 25 cts.

3031 **Giant Crimson** or **Goliath.** Large, uniform trusses of deep red flowers. Fine for forcing as well as outdoors. Pkt. 15 cts.; ¼oz. 50 cts.

3032 **Giant Machet.** An extra-select, mammoth-flowering strain of the popular Machet variety. Florets reddish green. Pkt. 10 cts.; ¼oz. 30 cts.

3033 **Giant White Pearl.** Long, broad trusses of white blossoms. The finest white variety. Pkt. 15 cts.; ¼oz. 50 cts.

3034 **Old-fashioned Sweet-scented.** Dwarf, with many small spikes of fragrant blossoms. Pkt. 10 cts.; ½oz. 25 cts.

3029 **COLLECTION: One pkt. each of the above 5 sorts 50 cts.**

Lupinus

Marigold, Crown of Gold

Marigold, Signata pumila

Mesembryanthemum •

Culture B. Cover seeds ¼ in. Ht. 6 in.

3027 **Crystallinum.** *Ice Plant.* Fleshy, flat leaves covered with ice-like globules. Small white flowers. Pkt. 10 cts.; ¼oz. 25 cts.
3028 **Tricolor.** *Wax Plant.* Leaves elongated, almost cylindrical. Flowers crimson, pink, and white. Pkt. 15 cts.; ¼oz. 50 cts.

Mimosa · Sensitive Plant

Culture E. Cover seeds ⅛ in. Ht. 1½ ft.

3036 **Pudica.** A neat ornamental plant, the leaves of which fold as soon as they are touched. Pkt. 10 cts.; ¼oz. 25 cts.

Morning-Glory, Dwarf

Convolvulus minor

Culture B. Cover seeds ⅛ in. Ht. 1 ft.

3050 **Choice Mixed.** ● Showy in beds and borders and on rockwork, thriving in any sunny location. Bright assortment of colors. Pkt. 10 cts.; ½oz. 15 cts.; oz. 25 cts.

See Vine Section for other Morning-Glories

Beckert's Nasturtiums

Culture C. Cover seeds ½ in. Bloom throughout the summer. Prefers a sunny location

Few garden annuals respond with as little care as the Nasturtium. For ease of culture, duration of bloom, brilliancy of coloring and general excellence, they are unexcelled.

LARGE-FLOWERED TALL NASTURTIUMS

Will cover walls, trellises, fences, etc. in a short time. Free blooming from summer until frost. Seed-pods, if gathered when green and tender, are useful for pickling. Ht. 6 to 10 ft.

3090 **Cloth of Gold.** Fiery red. Golden foliage.
3091 **Golden Queen.** Sunflower-yellow.
3092 **Pearl.** Creamy white.
3093 **Salmon-Rose.** Exquisite salmony rose.
3094 **Spitfire.** Soft rosy scarlet.
3095 **Sunlight.** Glowing orange.

Each of above, pkt. 10 cts.; oz. 20 cts.; ¼lb. 60 cts.

3099 **COLLECTION: One pkt. each of above 6 colors 50 cts.**
3097 **Tall Superb Mixed.** Pkt. 10 cts.; oz. 15 cts.; ¼lb. 50 cts.; lb. $1.50.

Double Nasturtium, Golden Gleam

LARGE-FLOWERED DWARF NASTURTIUMS

Of dwarf, compact growth; excellent for borders or for bedding. Free blooming from June until frost. Ht. about 1 ft.

3080 **Chameleon.** Combination of red and yellow flowers.
3081 **Cloth of Gold.** Bright scarlet. Golden foliage.
3082 **Empress of India.** Deep scarlet. Dark leaves.
3083 **Golden Queen.** Deep yellow.
3084 **The Pearl.** Creamy white.
3085 **Vesuvius.** Fine salmon-rose.

Each of above, pkt. 10 cts.; oz. 20 cts.; ¼lb. 60 cts.

3089 **COLLECTION: One pkt. each of above 6 colors 50 cts.**
3087 **Dwarf Superb Mixed.** Pkt. 10 cts.; oz. 15 cts.; ¼lb. 50 cts.; lb. $1.50.

NEW GLEAM NASTURTIUMS

3076 **Scarlet Gleam.** Semi-dwarf in growth. The ruffled, fiery orange-scarlet blossoms are carried on long, stiff stems. They are often 3 inches across and delightfully fragrant. Pkt. 10c; ½oz. 35c.
3070 **Gleam Hybrids.** Large, well-formed, ruffled, semi-double flowers in a brilliant array of colors never seen before in double-flowering Nasturtiums. Pkt. 10 cts.; ½oz. 35 cts.
3075 **Golden Gleam.** One of the newer outstanding Nasturtiums. A vigorous, semi-dwarf plant, producing innumerable, large, semi-double flowers on long, stiff stems. Very fragrant. Pkt. 10 cts.; ½oz. 25 cts.

Nemesia •

Culture E. Cover seeds ⅛ in. Ht. 1 ft.

Strumosa Suttoni. Free-blooming, bushy plants for edging and pot-culture. The orchid-like flowers bloom throughout the summer and fall.

3105 **Blue** 3107 **Rose** 3108 **Mixed**
3106 **Orange**

Each of above, pkt. 25 cts.

Nicotiana · Sweet-flowering Tobacco

Culture A. Cover seeds ⅛ in. Ht. 2½ to 3 ft. Blooms midsummer to frost

Beautiful border plants, sometimes used for pots and boxes. Easy to grow from seed. The flowers open toward evening and have a delightful sweet odor.

3112 **Affinis.** The best-known variety. Clusters of white, trumpet-shaped flowers on long stems, from June until frost. Pkt. 10 cts.; ¼oz. 25 cts.
3113 **Affinis Hybrids.** Like Affinis, but with larger flowers in shades of pink and white. Pkt. 10 cts.; ¼oz. 25 cts.
3114 **Sanderæ Hybrids.** A splendid strain with large, white, pink, lavender, blood-red, and purple flowers. Pkt. 10 cts.; ¼oz. 30 cts.
3115 **Crimson Bedder.** A compact, semi-dwarf variety, 15 to 20 inches in height, producing showy, deep crimson flowers. Pkt. 15 cts.; ¼oz. 35 cts.

Nierembergia · Cup Flower

Culture E. Cover seeds ⅛ in. Ht. 2½ ft. Blooms June to Aug.

3117 **Frutescens.** Very pretty border plants of bushy growth with feathery foliage. Flowers in white and shades of pink and lavender, with yellow centers. Pkt. 10 cts.; ¼oz. 75 cts.

Beckert's Superb Pansies •

Culture G. Cover seeds ⅛ in. Ht. 6 in.

No garden lover will consider his garden complete without a bed or border of Pansies.

GIANT PANSIES IN MIXTURES

3130 **BECKERT'S SUPERB MIXTURE of Giant-Flowering Exhibition Pansies.** A blending of our own containing only the very choicest seed secured from the leading Pansy specialists. It can be relied on to produce flowers of immense size, very heavy texture, and of the most brilliant colors. Pkt. 50 cts.; ⅛oz. $1.75; oz. $10.00.
3131 **Engelmann's Special Mixture.** A strong vigorous type in which the blooms are of gigantic size measuring 3 to 4 inches across. The flowers are mostly bronze and reddish shades with some yellow-edged ones. Plants are compact and early flowering. Pkt. 50 cts.; ⅛oz. $1.75.
3141 **Perfection Giant Mixture.** Immense flowers of velvety texture and perfect form in gorgeous colors with beautiful markings. Pkt. 35 cts.; ⅛oz. $1.50.
3133 **Masterpiece.** Each petal is elegantly frilled or curled. The flowers are quite large and rich in mauve, red, and velvety brown shades. Pkt. 25 cts.; ⅛oz. $1.00.
3134 **Mme. Perret.** A famous French strain. Flowers are of large size in a wine shade. Pkt. 25 cts.; ⅛oz. 75 cts.
3135 **Giant Trimardeau.** Produces flowers of giant size with round overlapping petals. Plants are vigorous, compact, and excellent bedders. Pkt. 10 cts.; ¼oz. $1.00.

GIANT PANSIES, SEPARATE COLORS

This beautiful class produces large flowers with round, overlapping petals. The plants are vigorous and free blooming, compact in growth and of ideal bedding habit.

3150 **Azure-Blue.** Violet-blue.

3151 **Black King.** Shining black.

3152 **Cardinal.** Rich cardinal-red.

3153 **Golden Queen.** Pure bright yellow.

3154 **Lord Beaconsfield.** Violet, shading to white on upper petals.

3155 **Royal Purple.** Dark, velvety purple.

3156 **Snow Queen.** Pure, satiny white.

Each of above, pkt. 10 cts.; ¼oz. $1.00

3159 **COLLECTION: One pkt. each of above 7 varieties 60 cts.**

SWISS GIANT PANSIES

This strain represents years of painstaking work on the part of Pansy breeders. It is the very cream of Giant Pansies producing flowers of magnificent size and form in rare colors, with some shades previously unknown in Pansies.

3136 **Alpenglow.** Striking and attractive shades of cardinal and garnet.

3137 **Lake of Thun (Ullswater).** An exquisite ultramarine-blue with a darker blue blotch on the petals.

3138 **Rhinegold.** Gigantic golden yellow with rich deep brown blotches.

Each of above, pkt. 35 cts.; ⅛oz. $1.50

3140 **Swiss Giant, Finest Mixed.** A wonderful range of colors. Pkt. 30 cts.; ⅛oz. $1.25.

VIOLA OR TUFTED PANSIES

The flowers of the Tufted Pansies are smaller than the regular Pansies, but as they bloom so profusely, they are preferred to ordinary Pansies where color, bedding effect and long blooming season are desired.

3165 **Arkwright Ruby.** *New.* A new variety producing much larger, fragrant blooms than other Violas. Rich ruby-crimson shaded to terra-cotta. Pkt. 50 cts.

3160 **Apricot.** A recent introduction. Beautiful rich apricot-yellow, tinged orange. Pkt. 25 cts.

3161 **Blue Perfection.** Deep rich blue. Pkt. 15 cts.; ¼oz. 75 cts.

3162 **Jersey Gem.** Pure rich violet, remarkably free bloomer. Plants are sturdy, compact, and possess unusual drought-resistance. Pkt. 35 cts.

3163 **Lutea splendens.** Rich golden yellow. Pkt. 15c.; ¼oz. 75c.

3164 **White Perfection.** Pure white. Pkt. 15 cts.; ¼oz. $1.00.

3166 **Cornuta, Mixed.** A splendid mixture. Pkt. 10 cts.; ¼oz. 75 cts.

3170 **VIOLET** (*Viola odcrata*). Single, fragrant Violet. Hardy and free blooming. Pkt. 25 cts.

Petunias

Culture A. Cover seeds ⅛ in. Ht. various. Blooms through summer and fall

Wonderfully vigorous and free flowering, thriving on any soil and in the hottest weather.

GIANT-FLOWERED FRINGED PETUNIAS

3194 **Theodosia.** Large, fringed, rosy pink with a clear golden center. Pkt. 35 cts.

3196 **Scarlet Beauty.** Large, fringed, scarlet shading to rose in the throat. Pkt. 25 cts.

3205 **Violacea.** Rich velvety violet-blue. Pkt. 15 cts.; ⅛oz. 60 cts.

3198 **White Beauty.** Exquisite flowers of snowy whiteness, elegantly frilled and fringed. Pkt. 25 cts.

3193 **Beckert's Large-flowering Fringed.** Beautiful, velvety, large, fringed blooms in a wide assortment of colors. Pkt. 25 cts.

3190 **Giants of California.** The flowers are of immense size, fringed and ruffled, with attractive deep throats. Wide assortment of brilliant colors. Pkt. 35 cts.; 3 pkts. $1.00.

3191 **Dwarf Giants of California.** A dwarf strain of the well-known Giants of California. Excellent for pot-culture and bedding. Flowers beautifully ruffled and fringed. Pkt. 50 cts.; 3 pkts. $1.25.

GIANT-FLOWERED PLAIN-EDGED PETUNIAS

3186 **Elk's Pride.** The largest, darkest, and best velvety purple. Plain edged. Pkt. 50 cts.

3197 **White Cloud.** Very free-blooming, compact plants. Large, pure white blooms measuring 2 to 3½ inches in diameter. Plain edge. Pkt. 35 cts.

GIANT DOUBLE-FLOWERED PETUNIAS

3192 **Giant Double Marvelous.** Elegantly formed, fringed blooms of the largest size. An unexcelled mixture producing a large percentage of doubles. Pkt. $1.00.

3183 **Orchid Beauty.** An all-double Petunia exceptionally suited for pots or bedding purposes. The large flowers are fully double, gracefully waved and fringed, orchid in color, heavily veined violet. Large plants literally covered with blooms. Pkt. $1.00.

SINGLE BEDDING PETUNIAS

3215 **Blue Bedder.** The good-sized flowers of the clearest shade of blue imaginable literally cover the erect and bushy growing plants. Pkt. 15 cts.

3188 **Brilliant Rose Gem.** Miniature. A wonderful bedder. At all times covered with blossoms of a deep, rich shade of rose, slightly suffused with scarlet. We recommend this variety to those desiring an outstanding color. Pkt. 50 cts.

3218 **Flaming Velvet.** Large and velvety, flaming blood-red blooms with plain, well-rounded edges. Pkt. 35 cts.

3206 **General Dodds.** Velvety blood-red. Pkt. 10 cts.; ⅛oz. 60 cts

3210 **Heavenly Blue.** A silvery light blue. Makes a fine combination when planted with Rosy Morn. Pkt. 15 cts.; ⅛oz. $1.00.

3201 **Howard's Star.** Deep red flowers, each marked with a large and distinct star of white or bluish pink. Pkt. 10 cts.; ⅛oz. 60 cts.

Petunia, Giant Fringed Theodosia

Single Bedding Petunias, continued

3200 **Inimitable Dwarf.** Flowers in many shades of deep rose, red, and maroon, striped and blotched with white and pink. Fine for edging. Pkt. 10 cts.; ⅛oz. 60 cts.
3217 **Martha Washington.** Ruffled Nana compacta type. About 9 inches in height, it forms a perfect ball effect, literally smothered with lovely frilled blooms, blush-pink in color, deepening to a rich wine-red throat. Pkt. 40 cts.
3207 **Pink Gem.** A vigorous, neat, and compact plant, 6 to 8 inches high, virtually covered with deep pink blooms 2 inches across. Ideal bedder. Pkt. 15 cts.; ⅛oz. 75 cts.
3195 **Purple Prince.** (Plain edge.) Large deep velvety purple blooms. Pkt. 25 cts.
3202 **Rose of Heaven.** Brilliant rich rose-colored flowers. Pkt. 10 cts.; ⅛oz. 60 cts.
3203 **Rosy Morn.** A very bright shade of rose, lighter in the throat. Very free blooming. Pkt. 15 cts.; ⅛oz. 60 cts.
3184 **Salmon Supreme.** A lovely dwarf bedder of compact growth continuously covered with lovely, clear light salmon-colored flowers 1½ inches across. Pkt. 35 cts.
3204 **Snowball.** Lovely pure white flowers that completely cover the plant. Pkt. 10 cts.; ⅛oz. 60 cts.
3208 **DeLuxe Bedding Mixed.** An excellent bedding mixture. Pkt. 10 cts.; ¼oz. 50 cts.

BALCONY PETUNIAS

Free blooming, trailing in growth, with large flowers. Particularly suited to hanging-baskets, porch-boxes, etc., and showy in beds.
3211 **Balcony Blue (Violet Queen).** An outstanding variety, with large flowers of a beautiful, clear violet-blue color. Pkt. 20 cts.; ⅛oz. $1.00.
3212 **Crimson** 3214 **White** 3216 **Finest Mixed**
3213 **Rose**

Each of above, pkt. 15 cts.; ⅛oz. 75 cts.

3219 **COLLECTION: One pkt. each of above 4 colors 50 cts.**

Phlox · Flame Flower

Culture B. Cover seeds ⅛ in. Ht. various. Blooms July to fall. Prefers full sun

A veritable rainbow of colors may be obtained with the brilliant flowers of Annual Phlox. Splendid for bed, border, or cutting; also ideal as a filler between gladiolus. Remove faded flowers and plants will bloom continuously until frost.

3227 GIGANTEA ART SHADES

A wonderful strain of Drummondi with enormous flowers in the softest of colors. Ideal for obtaining the soft color effect so often admired and so hard to obtain in the garden. Pkt. 15 cts.; ⅛oz. $1.
3234 **Phlox Drummondi gigantea, Salmon Glory.** See page 3.

Phlox Drummondi grandiflora

PHLOX DRUMMONDI GRANDIFLORA

Improved, large-flowering, tall varieties, producing their showy trusses of big, round florets from early July until fall. Ht. 12 to 15 in.

3221 **Bright Rose** 3223 **Scarlet** 3225 **Violet**
3222 **Primrose-Yellow** 3224 **Pink** 3226 **White**

Each of above, pkt. 10 cts.; ¼oz. 50 cts.

3229 **COLLECTION: One pkt. each of above 6 colors 50 cts.**

3230 **Finest Mixed.** The very finest mixture of large-flowering, tall varieties. Pkt. 10 cts.; ¼oz. 40 cts.
3231 **Dwarf, Finest Mixed.** ● Large-flowering. Ht. 8 in. Pkt. 10 cts.; ¼oz. 75 cts.
3232 **Starred and Fringed, Mixed.** Flowers of many colors with deeply fringed and pointed petals. Pkt. 10 cts.; ¼oz. 50 cts.
3233 **Dwarf Cecily, Mixed.** ● Extra-large trusses. Ht. 6 to 8 in. Pkt. 15 cts.; ⅛oz. 75 cts.

Poppies · Papaver

Culture D. Cover seeds ⅛ in. Ht. various

Favorites of the old-fashioned garden, they have carried their delightful colors into the garden of the present.

SINGLE ANNUAL POPPIES

3250 **American Legion.** Lovely, single, bright orange-scarlet blooms on white ground. Ht. 2 ft.
3251 **Blue Shades.** Grayish blue.
3252 **Danebrog** (Danish Cross). Bright red with white spots at the base which form a cross. Ht. 3 ft.
3253 **The Bride.** Large pure snowy white flowers with fringed petals.
3254 **Tulip** (*Papaver glaucum*). Flowers are brilliant scarlet, cup-shape. Ht. 1 to 1½ ft.
3255 **Wild Rose.** Soft shades of rose and pink. Ht. 2 ft.

Each of above, pkt. 10 cts.; ¼oz. 25 cts.

3259 **COLLECTION: One pkt. each of above 6 varieties 50 cts.**

3258 **Single Annual Shirley, Mixed.** Beautiful colors in delicate shades varying from pure white and delicate pink to rosy carmine and deep crimson. Ht. 2 to 2½ ft. Pkt. 10 cts.; ¼oz. 20 cts.; oz. 50 cts.

DOUBLE ANNUAL POPPIES

3260 **American Flag.** Large, snow-white flowers, bordered with scarlet. Ht. 3 ft. Pkt. 10 cts.; ¼oz. 25 cts.
3261 **Heliotrope.** Carnation-flowered; fringed edges. Pkt. 10 cts.; ¼oz. 25 cts.
3262 **Sweetbriar.** Full, double, begonia-like flowers of a delightful shade of deep rose-pink. Pkt. 15 cts.; ¼oz. 50 cts.
3263 **White Swan.** Very large, double, pure white flowers. Pkt. 10 cts.; ¼oz. 25 cts.
3265 **Carnation-flowered, Mixed.** Large, ball-shaped flowers with petals beautifully fringed. Ht. 3 ft. Pkt. 10 cts.; ¼oz. 20 cts.; oz. 50 cts.
3266 **Peony-flowered, Mixed.** Elegant, double, peony-like flowers in many bright colors. Pkt. 10 cts.; ¼oz. 20 cts.; oz. 50 cts.
3267 **Shirley Double Annual, Mixed.** Beautiful, double and semi-double flowers in a wide range of colors. Ht. 2 to 2½ ft. Pkt. 10 cts.; ¼oz. 25 cts.; oz. 75 cts.

Portulaca · Rose-Moss●

Culture C. Cover seeds ⅛ in. Ht. 5 in. Blooms all summer

Ideal for massing in beds, edgings, or rockery. Easy to grow, thriving even in the poorest soil and in dry locations.

3275 **Single, Finest Mixed.** A wide assortment of colors. Pkt. 10 cts.; ¼oz. 25 cts.; oz. 75 cts.
3276 **Double, Finest Mixed.** Extra-fine quality. Flowers like little roses; a large percentage come double. Pkt. 15 cts.; ¼oz. 75 cts.; oz. $2.50.

Ricinus Communis

Castor-Oil Plant

Culture B. Cover seeds ½ in. Ht. various

Nothing surpasses these in sub-tropical effectiveness. Some will very easily reach a height of 10 to 12 feet, and others a height of 15 feet or more, according to treatment. For quicker results start seeds in pots.

3305 **Borboniensis arboreus.** Imposing, tree-like variety with giant leaves. Ht. 15 ft. Pkt. 10 cts.; oz. 25 cts.
3306 **Cambodgensis.** Beautiful dark foliage. Stems almost black. Ht. 5 ft. Pkt. 10 cts.; oz. 25 cts.
3307 **Gibsoni.** Dark purple leaves and stems. Dwarf habit. Ht. 4 ft. Pkt. 10 cts.; oz. 25 cts.
3308 **Sanguineus.** A very ornamental variety. Stalk and fruit vessels blood-red. Very good for contrast when planted with green-foliaged varieties. Ht. 8 ft. Pkt. 10 cts.; oz. 25 cts.
3310 **Zanzibarensis, Mixed.** Fine varieties for specimen plants or groups; mostly green-leaved. Rapid growing. Pkt. 10c.; oz. 20c.

Rudbeckia

Culture B. Cover seeds ¼ in. Ht. 2 ft.

3323 **Bicolor superba.** Very profuse bloomer. Effective in the garden and also good for cutting. Flowers bright yellow with brown discs. Pkt. 10 cts.; ¼oz. 30 cts.

Salpiglossis · Painted Tongue

Culture B. Cover seeds ⅛ in. Ht. 2½ ft. Blooms midsummer to frost

A gorgeous display is given by these plants during the hot summer days. Their coloring is wonderfully rich, and the funnel-shaped flowers are marvelously painted and penciled, having the appearance of numerous overlapping petals.

3320 **Brown and Gold**
3321 **Crimson**
3322 **Purple and Gold**
3323 **Rose and Gold**
3324 **Scarlet and Gold**
3325 **White and Gold**

Each of above, pkt. 10 cts.; ¼oz. 50 cts.

3329 **COLLECTION: One pkt. each of above 6 colors 50 cts.**

3327 **Finest Mixed.** Pkt. 10 cts.; ¼oz. 40 cts.

Saponaria · Soapwort

Culture B. Cover seeds ⅛ in. Ht. 2 ft.

3343 **Vaccaria.** Flowers of a rich satiny pink, resembling an enlarged gypsophila. Fine for cutting. Pkt. 10 cts.; ¼oz. 25 cts.

Salvia · Scarlet Sage

Culture A. Cover seeds ¼ in. Ht. various. Blooms July to frost

Salvia is highly valued for its brilliant scarlet display, its adaptability to location, and profusion of bloom.

3330 **America (Globe of Fire).** The freest and most continuous bloomer of all the Scarlet Sages; also the most uniform in habit of growth. Ht. 1½ ft. Pkt. 20 cts.; ⅛oz. 75 cts.

3331 **Bonfire.** Very compact in growth, with erect spikes. Brightest scarlet. Ht. 2 ft. Pkt. 15 cts.; ⅛oz. 75 cts.

3332 **Splendens.** The type variety. Bright red. Ht. 3 ft. Pkt. 10 cts.; ⅛oz. 40 cts.

3333 **Zurich (Lord Fauntleroy).** Dwarf. Early and free flowering. A splendid strain. Ht. 1½ ft. Pkt. 15 cts.; ⅛oz. 75 cts.

See Perennial Section for Blue Salvias

Sanvitalia · Creeping Zinnia

Culture B. Cover seeds ⅛ in. Ht. 6 in. Blooms July to early fall

3340 **Procumbens fl.-pl.** ● Dwarf, creeping plants suitable for dwarf beds, edgings, or borders. The bright golden yellow flowers have dark centers and resemble tiny zinnias. Pkt. 10c.; ¼oz. 50c.

Scabiosa · Pin-Cushion Flower

Culture B. Cover seeds ⅛ in. Ht. 2½ ft. Blooms early July to frost

Extremely free-flowering plants of easy culture. Splendid for beds and borders and produces very attractive cut-flowers.

OUTSTANDING SCABIOSAS

3347 **New Grandiflora, Rosette.** A beautiful shade of rose, heavily suffused with salmon. Pkt. 20 cts.; ¼oz. $1.00.

3355 **Loveliness.** Shades of salmon-rose.

3356 **Peach Blossom.** Peach-blossom-pink.

Each of above, pkt. 10 cts.; ¼oz. 40 cts.

LARGE-FLOWERED SCABIOSAS

Constant and free bloomers, the plants are masses of color all summer.

3350 **Azure-Blue**
3351 **Black King**
3352 **Crimson**
3353 **Rose**
3354 **White**
3357 **Yellow**
3360 **Finest Mixed**

Each of above, pkt. 10 cts.; ¼oz. 30 cts.

3359 **COLLECTION: One pkt. each of above 6 colors 50 cts.**

Schizanthus · Butterfly Flower

Culture B. Cover seeds ⅛ in. Ht. 2 ft.

A plant of rare beauty and elegance, both for garden decoration and as a pot-plant indoors. The dainty flowers come in a wide range of colors and are delicately spotted and blotched, resembling miniature butterflies. Pinching the center out of young plants will make them more vigorous and bushy.

3365 **Dr. Badger's Giant-flowering Hybrids.** A fine large-flowering strain in a wide range of marvelous colors. Pkt. 25 cts.

3366 **Wisetonensis, Excelsior.** An excellent strain containing a wide range of colors. Pkt. 25 cts.

3364 **Excelsior compactus.** Excellent for pot-culture. Grows 6 to 8 inches high and is very compact and pyramidal. Free blooming in a mixture of all the popular shades. Pkt. 35 cts.

Early Giant Imperial Stocks

Statice

Culture A. Cover seeds ⅛ in. Ht. 1½ ft. Blooms July to Aug.

Splendid plants grown for garden display and used largely for winter bouquets. Seed germinates very slowly.

3385 **Sinuata, Choice Mixed.** All colors mixed. Pkt. 10 cts.; ¼oz. 25 cts.

3386 **Suworowi.** *Russian Cat-tail.* Spikes of tall rose flowers. Pkt. 10 cts.; ¼oz. 40 cts.

Stocks · Gilliflower

Culture A. Cover seeds ⅛ in. Ht. 2 ft. Blooms all summer

Always desirable on account of their unusual fragrance. Stocks are general favorites for bedding and cutting, and also for pot-plants during the winter months. Outdoors they like a well-enriched soil with plenty of moisture and some shade during the hot months.

NEW NON-BRANCHING STOCKS

(Giant Column Type, Double Excelsior)

A strikingly fine class of Stocks, especially adaptable for greenhouse culture as they can be grown close together, producing but one giant spike 2 to 3 feet in height with extra-large blooms. They bloom about 10 days earlier than the branching Bismarcks and have a high percentage of doubles.

3430 **Ball's White**
3431 **Chamois-Pink**
3432 **Lilac-Lavender**
3433 **Old-Rose**
3434 **Choice Mixed**

Each of above, pkt. 50 cts.; 3 pkts. $1.25

EARLY GIANT IMPERIAL STOCKS

(Improved Bismarck)

Of branching habit, the large flowers and long stems of this class make it especially desirable for cutting. Very early blooming; high percentage of doubles.

3400 **Blood-Red**
3401 **Canary-Yellow**
3402 **Dark Blue**
3403 **Deep Rose**
3404 **Lavender**
3405 **White**
3407 **Choice Mixed**

Each of above, pkt. 15 cts.; ⅛oz. 75 cts.

3409 **COLLECTION: One pkt. each of above 6 colors 75 cts.**

IMPROVED PERFECTION STOCKS

(Double Branching; Florist's Strain)

These are an improvement on the variety offered as Ten-Weeks' Stock. They are of splendid pyramidal growth, freely branching from the main stem, giving an abundance of large spikes of double flowers.

3410 **Canary-Yellow**
3411 **Old-Rose**
3412 **Dark Blue**
3413 **Fiery Crimson**
3414 **Light Blue**
3415 **White**
3417 **Choice Mixed**

Each of above, pkt. 15 cts.; ⅛oz. 65 cts.

3419 **COLLECTION: One pkt. each of above 6 colors 75 cts.**

Spencer Sweet Peas

GIANT-FLOWERED BEAUTY STOCKS

This class is of special value for winter flowering to provide cut-flowers. Start seed indoors from July to September for winter forcing; if started in March will bloom outdoors from midsummer until frost.

3420 **Beauty of Nice.** Delicate pink.
3421 **Crimson King.** Brilliant crimson.
3422 **Mont Blanc.** Pure white.
3423 **Monte Carlo.** Canary-yellow.
3424 **Queen Alexandra.** Rosy lilac.
3425 **Summer Night.** Rich deep blue.
3427 **Choice Mixed.**

Each of above, pkt. 15 cts.; ⅛oz. 65 cts.

3429 **COLLECTION: One pkt. each of above 6 colors 75 cts.**

DWARF TEN-WEEKS' STOCKS

Dwarf and compact in growth. Ideal for pot-culture or bedding. Florist strain, 1 foot high.

3756 **Apple Blossom.** Blush-pink.
3757 **Old Rose.** Deep rose.
3758 **Porcelain-Blue**
3760 **White**
3759 **Superb Mixture**

Each of above, pkt. 15 cts.; ⅛oz. 65 cts.

Thunbergia · Black-eyed Susan

Culture A. Cover seeds ¼ in.

3578 **Alata, Mixed.** A slender trailing plant which will grow in the poorest soil. Flowers produced in profusion, in white, cream, sulphur-yellow, buff, and orange, many with dark eyes. Excellent for porch-baskets and window-boxes. Pkt. 10 cts.; ¼oz. 40 cts.

Tithonia · Golden Flower of the Incas

Culture A. Cover seeds ⅛ in. Ht. 6 to 8 ft. Blooms in late summer

3577 **Speciosa.** Brilliant orange-red flowers which resemble single dahlias, on long stems. Superb background plants. Pkt. 15 cts.; ¼oz. 75 cts.

Torenia · Wishbone Flower

Culture A. Cover seeds ⅛ in. Ht. 1 ft. Blooms throughout the summer

3580 **Fournieri.** Fine for borders and porch-boxes. Covered with light and dark blue flowers with yellow lips. Pkt. 20c.; 1/16oz. 50c.

Beckert's Superb Spencer or Orchid-Flowering Sweet Peas

Sow in very early spring. Dig a trench 1 foot wide and deep. Place 6 inches of rotted manure, or peat moss mixed with sheep manure, on bottom, tread down firmly and fill up with good garden soil. Sow one row of Sweet Peas ¾ inch deep, spacing seeds 3 inches apart. When plants are about 3 to 4 inches high, thin out to stand 6 inches apart and provide supports for growing plants. An abundance of water and a mulch of peat moss when warm weather approaches will be necessary for best results.

SUMMER-FLOWERING SPENCER SWEET PEAS

3731 **Reflection.** Clear mid-blue.
3732 **Flagship.** Deep navy-blue.
3733 **Fiery Cross.** Bright orange-cerise.
3734 **Sunrise.** Salmon-cerise.
3735 **Daffodil.** Deep cream.
3736 **What Joy.** Deep rich cream.
3737 **Derby Day.** Sparkling crimson.
3738 **Rubicund.** Crimson-scarlet.
3740 **Tangerine.** Improved rich orange.
3741 **Orange Flare.** Deep orange.
3742 **Ecstasy.** Blush-pink.
3743 **Simplicity.** Salmon-pink.
3744 **Ruffled Rose.** Rich rose.
3745 **Anglo.** Primrose-yellow.
3746 **King White.** Pure white.
3747 **Bridal Veil.** Pure white.

Each of above, pkt. 10 cts.; oz. 30 cts.; ¼lb. $1.00

3749 **COLLECTION: One pkt. each of any above 6 varieties 50c.**

3762 **Superb Mixture.** Pkt. 10 cts.; oz. 20 cts.; ¼lb. 60 cts.

EARLY OR WINTER-FLOWERING SPENCER SWEET PEAS

3748 **Mrs. Herbert Hoover.** Clear blue.
3750 **Sunray.** Cerise on cream.
3751 **Canary Bird.** Rich cream.
3752 **Memory.** Rosy lavender.
3753 **Lady Gay.** Soft blush-pink.
3754 **Ball's Rose.** Cerise-pink.
3755 **White Champion.**

Each of above, pkt. 15 cts.; ½oz. 35 cts.; oz. 60 cts.

3539 **COLLECTION: One pkt. each of above 7 varieties 85 cts.**

3761 **Superb Mixture.** Pkt. 10 cts.; ½oz. 30 cts.; oz. 50 cts.; ¼lb. $1.50.

Ursinia · Jewel of the Veldt

Culture B. Cover seeds ⅛ in. Ht. 1 ft. Blooms July to Sept. Prefers sun

3587 **Anethoides Hybrids.** A showy South African plant which bears rich orange-yellow flowers with a purplish black ring at the base of the petals. Good for sunny borders. Pkt. 25 cts.

Verbenas

Culture A. Cover seeds ⅛ in. Ht. 15 in. Blooms late July to frost

Modern Verbenas have a wide range of brilliant colors and lend themselves to massing in the border, or to cutting for low receptacles.

HYBRIDA GRANDIFLORA VERBENAS

A magnificent strain of large Verbenas of robust, compact habit and free blooming. The trusses are immense, the individual florets measuring an inch in diameter.

3598 **Beauty of Oxford Hybrids.** Large heads of flowers in colors ranging from clear rose-pink to deep rose. Pkt. 25 cts.
3601 **Lavender Glory.** A true lavender with a medium-sized creamy white eye which accentuates the lovely lavender tone. Pkt. 25 cts.; ¼oz. $1.50.
3600 **Etna.** Large trusses of geranium-red flowers with small, creamy eyes.
3602 **Lucifer.** The entire flower is intense brilliant scarlet, showing up like flame against the deep green foliage.
3603 **Luminosa.** Flame-pink, shading to salmon.
3604 **Rose Cardinal.** Bright rose; large white eye.
3605 **Violacea.** Deep violet-purple, with white eye.
3606 **White.** Pure white, with large florets.

Each of above, except as noted, pkt. 15 cts.; ¼oz. 75 cts.

3609 **COLLECTION: One pkt. each of above 6 varieties 85 cts.**

3610 **Hybrida grandiflora, Mixed.** Pkt. 15 cts.; ¼oz. 65 cts.

VARIOUS VERBENAS

3615 **Erinoides.** *Moss Verbena.* Elegant, spreading plants with moss-like foliage. They bear in profusion purplish blue and white blossoms from June to frost. Pkt. 10 cts.
3616 **Lemon** (*Aloysia citriodora*). Leaves are deliciously lemon-scented. Pkt. 20 cts.

Beckert's Improved Zinnias

Culture B. Cover seeds 1/8 in. Ht. various. Blooms July to Oct.

BECKERT'S MAMMOTH DAHLIA-FLOWERED ZINNIAS
In a Wonderful Range of Colors

Vigorous, tall plants, 3 feet high, producing very large and deep dahlia-like flowers from July until frost in soft blends and pastel effects of color.

3650 **Canary Bird.** Clear primrose-yellow, retaining its pure color to the very last.
3651 **Crimson Monarch.** Enormous, deep, glowing red flowers, often 8 inches in diameter.
3652 **Dream.** Lavender, deepening to mallow-purple in full bloom. An extraordinary color in Zinnias.
3653 **Exquisite.** The most pleasing color in Zinnias—light rose-pink shading to deep rose in the center.
3660 **Luminosa.** Bright deep pink.
3661 **Old Gold.** Deep and light shades of old gold.
3654 **Old-Rose.** Real old-rose shade; large.
3655 **Oriole.** Immense gold and orange bicolor. The most beautiful of any.
3656 **Polar Bear.** Mammoth pure white.
3657 **Purple Prince.** A fine deep purple.
3658 **Scarlet Flame.** A striking blend of scarlet and orange which seems to shine like burnished copper.

Each of above, pkt. 15 cts.; 1/4oz. 60 cts.

3659 **COLLECTION: One pkt. of any above 6 varieties 75 cts.**
3665 **Dahlia-flowered, Finest Mixed.** Pkt. 15 cts.; 1/4oz. 50 cts.; oz. $1.50.

BECKERT'S CALIFORNIA GIANT DOUBLE ZINNIAS

3685 **Giant Double, Finest Mixed.** Pkt. 10 cts.; 1/4oz. 50 cts.; oz. $1.50.

DOUBLE DWARF ZINNIAS, Cut-and-Come-Again

An excellent class of Zinnias for bedding and cutting. Bushy, compact plants 1 1/2 feet in height, with flowers of medium size that continue blooming until frost.

3690 **Canary-Yellow** 3692 **Salmon-Rose** 3694 **White**
3691 **Golden Orange** 3693 **Scarlet**

Each of above, pkt. 10 cts.; 1/4oz. 30 cts.

3699 **COLLECTION: One pkt. each of above 5 colors 40 cts.**
3698 **Dwarf Double, Choice Mixed.** Pkt. 10 cts.; 1/4oz. 25 cts.; oz. 75 cts.

FANTASY ZINNIAS

3670 **Star Dust.** Graceful blossoms of medium size, deep golden yellow in color, with quilled and shaggy petals. Ht. about 2 1/2 ft. Pkt. 15 cts.; 1/4oz. 75 cts.
3713 **Fantasy Mixture.** Bright shades of red and orange, and pastel shades. Pkt. 15 cts.; 1/4oz. 60 cts.

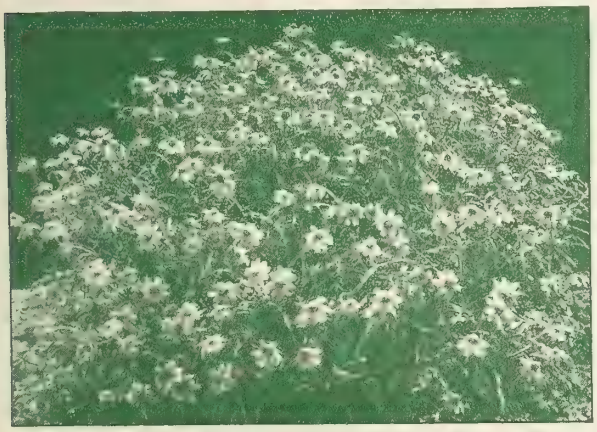
DWARF LILLIPUT OR POMPON ZINNIAS

The Lilliputs are unexcelled for cut-flower use and have become very popular. The flowers are small, double, and symmetrical, on strong stems, and are excellent for table decorations. Ht. 1 to 1 1/2 ft.

3700 **Canary-Yellow** 3702 **Golden Gem** 3704 **Scarlet Gem**
3701 **Crimson** 3703 **Salmon-Rose** 3705 **White**

Each of above, pkt. 10 cts.; 1/4oz. 30 cts.

3709 **COLLECTION: One pkt. each of above 6 colors 50 cts.**
3708 **Dwarf Lilliput, Choice Mixed.** Pkt. 10 cts.; 1/4oz. 35 cts.; oz. $1.00.



Zinnia linearis

Double Dahlia-flowered Zinnia

VARIOUS ZINNIAS

3710 **Curled and Crested, Mixed.** A distinct variety in which the petals are curiously curled and twisted. Good assortment of colors. Ht. 2 ft. Pkt. 10 cts.; 1/4oz. 40 cts.
3711 **Mexicana Hybrids.** Dwarf plants about 1 foot high, bearing small, double flowers of unusual colorings. Fine for borders. Pkt. 15 cts.; 1/4oz. 60 cts.
3712 **Picotee, Mixed.** Distinct flowers about 3 inches across with the petals tipped or picoteed with a contrasting color. Ht. 2 to 2 1/2 ft. Pkt. 10 cts.; 1/4oz. 60 cts.
3717 **Fandango.** A dwarf, early-flowering Zinnia producing masses of fiery salmon-cerise flowers. Highly recommended. Pkt. 15 cts.; 1/4oz. 75 cts.
3716 **Zinnia linearis.** An unusual and interesting dwarf Zinnia producing its first flowers when about 6 inches in height and continuing until frost. The plants attain a height of 8 to 10 inches when fully grown. Flowers are of a golden orange hue with a delicate lemon-yellow stripe through the center of each petal. Pkt. 25 cts.; 1/4oz. $1.00.

Venidium · Monarch of the Veldt

Culture A. Cover seeds 1/8 in. Ht. 2 1/2 ft. Blooms midsummer. Prefers sun

3590 **Fastuosum.** A magnificent, half-hardy annual from South Africa, with silky gray, serrated foliage and numerous rich orange, daisy-like blooms, 4 to 5 inches across, with a purple zone at the base of the petals. Pkt. 20 cts.

Vinca Rosea · Periwinkle

Culture A. Cover seeds 1/8 in. Ht. 1 ft. Blooms late July to frost

Great favorites for bedding or porch-boxes. Flowers star-shaped. Foliage glossy, dark green. Easily grown, but seed germinates slowly.

3630 **Rose** 3632 **White**
3631 **White with Rose Eye**

Each of above, pkt. 10 cts.; 1/4oz. 50 cts.

3635 **Choice Mixed.** Pkt. 10 cts.; 1/4oz. 40 cts.

Viscaria

Culture B. Cover seeds 1/8 in. Ht. 10 in. Blooms all summer

The large-flowered dwarf Viscarias are easily grown, are exceedingly free blooming, and very showy and effective.

3625 **Dwarf, Mixed.** Red, white, and blue shades. Pkt. 10 cts.; 1/4oz. 30 cts.

Wild Gardens Are Surprise Gardens

These are easy-to-grow mixtures of flower seeds suitable for sowing broadcast in bare spots of either small or large size, in any location where a natural or wild effect is desired. With little care a continuous succession of colorful flowers will be had throughout the summer and fall, many of which will be found useful for cutting. These mixtures contain a wide assortment of colors.

3725 **Wild Garden Mixture, Dwarf.** Pkt. 10 cts.; oz. 50 cts.; 1/4lb. $1.50.
3730 **Wild Garden Mixture, Tall.** Pkt. 10 cts.; oz. 50 cts.; 1/4lb. $1.50.

Perennial Flower Seeds

Plants that live and increase for a number of years are known as Perennials. While most Perennials require a season's growth before coming into bloom, others, again, will produce flowers the same season when sown. Use the proper culture shown by the different key letters under each variety which refer to the detailed cultural instructions on page 2.

Plants which make their growth the first year after sowing and produce their flowers the second year and then die, are Biennials, and are included in this section. They are described as such under their different headings.

Aquilegia, Select Long-Spurred

Achillea · Yarrow

Culture G. Cover seeds 1/8 in. Ht. 2 ft. Blooms June to Sept. Prefers sun

2015 **The Pearl.** Dainty, pure white, double flowers. Easily grown from seed. Will flower the first season if sown early. Pkt. 15 cts.; 1/8oz. 75 cts.

Aconitum · Monkshood

Culture G. Cover seeds 1/8 in. Ht. 3 to 5 ft. Blooms July to Aug. Prefers semi-shade

2020 **Napellus.** Lovely, dark blue flowers and handsome foliage. Fine for borders and masses. If sown early, will bloom the first year, but the flowers are better the second year. Pkt. 15 cts.; 1/8oz. 50 cts.

Adonis · Ox-Eye

Culture G. Cover seeds 1/8 in. Ht. 1 1/2 ft. Blooms April to May. Seed germinates slowly. Likes moisture and shade. Blooms first season.

2024 **Vernalis.** Large yellow flowers. Pkt. 10 cts.; 1/8oz. 50 cts.

Agrostemma · Mullein Pink

Culture G. Cover seeds 1/8 in. Ht. 2 1/2 ft. Blooms July to Aug. Prefers sun

2036 **Coronaria atrosanguinea.** Deep blood-red, star-shaped flowers. Silvery foliage. Free flowering and of easy culture. Fine for cutting. Pkt. 10 cts.; 1/4oz. 25 cts.

Alyssum · Gold Dust

Culture G. Cover seeds 1/8 in. Ht. 9 in. Blooms May and June

2053 **Saxatile compactum.** ● Dwarf and bushy, bearing masses of pale yellow flowers in early spring. One of the most satisfactory creeping hardy plants. Pkt. 15 cts.; 1/4oz. 50 cts.

Anchusa

Culture G. Cover seeds 1/8 in. Ht. 3 to 5 ft. Blooms June and July. Prefers semi-shade

2071 **Italica, Dropmore.** Bears an abundance of rich gentian-blue flowers. Pkt. 10 cts.; 1/4oz. 35 cts.

Anthemis · Golden Marguerite

Culture G. Cover seeds 1/8 in. Ht. 2 ft. Blooms July to Sept.

2080 **Tinctoria Kelwayi.** Bears bright yellow, daisy-like flowers. Excellent for cutting. Pkt. 10 cts.; 1/4oz. 50 cts.

Anemone · Windflower

Culture G. Cover seeds 1/8 in. Ht. 1 ft. Blooms May and June. Prefers semi-shade

Lovely flowers in many shades of scarlet, blue, purple, and white, often over 2 inches in diameter. A lasting cut-flower.

2075 **Double Chrysanthemum-flowered.** Fine, full double flowers in splendid mixture. Pkt. 15 cts.; 1/8oz. 50 cts.

2076 **St. Brigid.** Single and semi-double flowers in a wonderful array of colors. Pkt. 20 cts.

Aquilegia · Columbine

Culture G. Cover seeds 1/8 in. Ht. 1 1/2 to 2 ft. Blooms May to July

This aristocrat of the perennial border is an early and free bloomer. Its beautiful flowers cover a wide range of exquisite shades and are desirable for garden display and for cutting.

2170 **Cærulea.** *Rocky Mountain Columbine.* Large flowers with long spurs; deep blue and white. One of the finest. Pkt. 15 cts.; 1/8oz. 75 cts.

2171 **Chrysantha.** Pure yellow; long spurs and large flowers. Pkt. 10 cts.; 1/8oz. 50 cts.

2172 **Single, Mixed.** Pkt. 10 cts.; 1/4oz. 30 cts.

2173 **Double, Mixed.** Pkt. 10 cts.; 1/4oz. 35 cts.

SELECT LONG-SPURRED COLUMBINES

They are stately in growth and produce their large and elegantly spurred flowers in abundance.

2175 **Blue and Lavender Shades.**

2176 **Copper Queen.** Attractive copper shade.

2177 **Mrs. Scott Elliott's Hybrids.** A famous strain of long-spurred Columbines, particularly rich in the light colors and pastel shades.

2178 **Pink and Rose Shades.**

Each of above, pkt. 25 cts.; 1/8oz. $1.00

2181 **Long-spurred Hybrids, Mixed.** Pkt. 20 cts.; 1/8oz. 75 cts.

Arabis · Rock Cress

Culture G. Cover seeds 1/8 in. Ht. 6 to 9 in. Blooms April to May. Prefers sun

2185 **Alpina.** ● An early border and rockery plant with verbena-like heads of snow-white flowers. Pkt. 10 cts.; 1/4oz. 30 cts.

Armeria · Sea-Pink

Culture G. Cover seeds 1/8 in. Ht. 6 in. Blooms June to Aug.

2192 **Laucheana.** ● Hardy perennial for the rock-garden or for edging. Pretty, bright rosy carmine flowers. Pkt. 25 cts.

Asters

Culture G. Cover seeds 1/8 in. Ht. various

2295 **Alpinus.** ● Grows 10 to 12 inches high and is excellent for rock-gardens. Mixture of bluish and white flowers with yellow centers. Blooms May and June. Pkt. 15 cts.; 1/8oz. 75 cts.

2296 **Mixed.** *Michaelmas Daisy.* Late flowering. Showy, single, star-like blooms. Ht. about 3 ft. Blooms Sept. and Oct. Pkt. 15 cts.; 1/8oz. 60 cts.

Other Asters listed in Annual Flower Seed Section

Aubrietia · False Wall Cress

Culture G. Cover seeds 1/8 in. Ht. 6 in. Blooms May to July

2298 **Large-flowering Hybrids.** ● Large flower-sprays in many shades of crimson, purple, blue, pink, and lilac. Evergreen foliage. Pkt. 25 cts.

Bellis Perennis · English Daisy

Culture G. Cover seeds 1/8 in. Ht. 6 in. Blooms April to June. Prefers partial shade

2320 **Giant Longfellow.** Large, double, rose-colored flowers. Pkt. 10 cts.; 1/8oz. 50 cts.
2321 **Giant Snowball.** Large; double; white. Pkt. 10 cts.; 1/8oz. 50 cts.

MONSTROSA VARIETIES

Very double flowers on long, rigid stems.

2322 **Rose** 2323 **White** 2325 **Mixed**

Each of above, pkt. 20 cts.; 1/8oz. 75 cts.

2326 **Etna.** Large, double, deep red flowers with quilled petals. Pkt. 25 cts.; 1/8oz. $1.00.

Campanula

Culture G. Cover seeds 1/8 in. Ht. various

As a group, the Campanulas possess a charm and beauty distinctly their own. They bear a profusion of bell-shaped flowers from which they derive their common names of Canterbury Bells, Harebells, Peachbells, etc. Extremely showy in the mixed border.

MEDIUM . Canterbury Bells

Large, bell-shaped flowers in many shades. Elegant border or pot-plants. A small proportion of the seedlings will always vary in color. Ht. 2 to 2½ ft. Blooms June and July.

2370 **Blue** 2371 **Rose** 2372 **White**
2375 **Choice Single, Mixed**

Each of above, pkt. 10 cts.; 1/4oz. 30 cts.

2376 **Double, Mixed.** Produces a goodly percentage of true double-flowering plants. Pkt. 15 cts.; 1/4oz. 50 cts.

CALYCANTHEMA . Cup and Saucer

Delightful in form and colors. Elegant subjects for the garden or for pot-culture. Ht. 2 to 2½ ft. Blooms June and July.

2380 **Blue** 2382 **White** 2385 **Choice Mixed**
2381 **Rose**

Each of above, pkt. 15 cts.; 1/8oz. 50 cts.

CARPATICA . Harebells ●

Graceful plants with many delicate little cup-shaped flowers. Attractive and lasting. Suitable for borders. Ht. 6 in. Blooms late June to Aug.

2390 **Blue** 2391 **White** 2392 **Choice Mixed**

Each of above, pkt. 15 cts.; 1/8oz. 35 cts.

PERSICIFOLIA . Peachbells

Large, cup-shaped flowers. Long, slender leaves. Elegant for pot-plants as well as borders. Ht. 2 ft. Blooms June and July.

2394 **Giant Blue** 2395 **Giant White** 2396 **Giant Mixed**

Each of above, pkt. 15 cts.; 1/8oz. 75 cts.

PYRAMIDALIS . Chimney Bellflower

Stately plants 4 to 5 feet high with large, tubular flowers. Fine for borders or as large pot-plants. Blooms July and Aug.

2398 **Blue and White, Mixed.** Pkt. 15 cts.; 1/8oz. 50 cts.

Cerastium tomentosum

Campanula calycanthema

Candytuft ●

Culture G. Cover seeds 1/8 in. Ht. various. Blooms April to July

2410 **Gibraltarica.** Large-flowering, with delicate white, lilac-flushed blooms. Pkt. 10 cts.; 1/4oz. 50 cts.
2411 **Sempervirens.** Evergreen, glossy foliage. Flowers white. Fine for rock-gardens. Ht. 6 in. Pkt. 15 cts.; 1/8oz. 50 cts.

Carnation

Culture G. Cover seeds 1/8 in. Ht. 1 ft. Blooms June to frost

2432 **Chabaud's Everblooming.** Bears a high percentage of large, double flowers in five to six months. Pkt. 15 cts.; 1/8oz. 40 cts.
2433 **Grenadin Mixed.** *Hardy Border Carnation.* Dwarf and compact in growth. Mixture of various colors. Pkt. 15 cts.

Centaurea · Perennial Cornflower

Culture G. Cover seeds 1/8 in. Ht. 1½ to 2 ft. Blooms late June to Sept.

2492 **Montana.** Large, showy deep blue flowers. Pkt. 10 cts.; 1/4oz. 50 cts.

Cerastium · Snow-in-Summer

Culture G. Cover seeds 1/8 in. Ht. 6 in. Blooms May and June

2500 **Tomentosum.** ● White-leaved edging or rockery plant with small white flowers. Pkt. 15 cts.; 1/8oz. 50 cts.

Chelone · Turtlehead

Culture G. Cover seeds 1/8 in. Ht. 2½ ft. Blooms July to Sept.

2510 **Barbata Torreyi.** Showy, decorative bedding plant with spikes of tubular scarlet blooms. Pkt. 10 cts.; 1/4oz. 50 cts.

Chrysanthemum

Culture G. Cover seeds 1/8 in. Ht. 2 ft. Blooms from June to frost

2525 **Shasta Daisy, Alaska.** Extra-large, pure white flowers on long stems. A beautiful cut-flower. Pkt. 15 cts.; 1/8oz. 40 cts.
2527 **Mrs. C. Lowthian Bell.** An excellent variety bearing large white flowers, often 4 to 6 inches in diameter, on long stems. A continuous bloomer from June to frost. Pkt. 15 cts.; 1/8oz. 40 cts.

Coreopsis · Tickseed

Culture G. Cover seeds 1/4 in. Ht. 2½ ft. Blooms June to frost

2565 **Lanceolata grandiflora.** Bright golden yellow flowers, 3 inches in diameter, borne on strong stems. One of the brightest and most valuable of the perennial flowers for cutting and for borders. Pkt. 10 cts.; 1/4oz. 25 cts.
2566 **Lanceolata grandiflora fl.-pl.** A double and semi-double form of the single Coreopsis, possessing the same rich golden yellow color. Pkt. 15 cts.; 1/4oz. 50 cts.
2567 **Auricula superba.** Golden yellow petals with a serrated band of brownish red encircling the golden disc. Excellent for the garden and valuable for cutting. Pkt. 15 cts.; 1/4oz. 60 cts.

Wrexham Delphiniums

Delphinium

Culture G. Cover seeds ⅛ in. Ht. various. Blooms June and July

Best loved of all perennials in the hardy garden. The modern hybrids, with their enormous, stately spikes, are indeed marvelous. The large florets include every conceivable shade of blue, running through lovely tones of mauve, lilac, purple, and violet in harmonious combinations.

2655 **New Hollyhock Strain, Wrexham Mixed.** A wonderful and popular strain with enormous pyramidal spikes of large, single and double florets 1½ to 2 inches across. The colors range in all shades of blue, blended with mauve, pink, and violet, with an occasional white. Ht. 4 to 6 ft. Pkt. 50 cts.; ⅛oz. $1.50.

2656 **Blackmore & Langdon Strain.** Gold medal mixture from the best varieties. Imported seeds from the originators whose names this famous strain bears. Pkt. 75 cts.; ⅛oz. $2.00.

2657 **Belladonna, Cliveden Beauty.** Clear turquoise-blue flowers. Ht. 4 ft. Pkt. 25 cts.; ⅛oz. 75 cts.

2658 **Bellamosa, Improved Strain.** A splendid companion to the old favorite Belladonna. Dark blue. Free blooming and hardy. Ht. 4 ft. Pkt. 25 cts.; ⅛oz. 75 cts.

2660 **Cardinale.** The elegant scarlet flowers have yellow centers. Ht. 3 ft. Pkt. 25 cts.; ⅛oz. 75 cts.

2661 **Chinense, Blue.** Tall, slender plants with long spikes thickly set with bright blue flowers. Ht. 3 ft. Pkt. 10 cts.; ¼oz. 50 cts.

2662 **Chinense, White.** Flowers pure white. Pkt. 10 cts.; ¼oz. 50 cts.

Dianthus · Hardy Garden Pinks

Culture G. Cover seeds ⅛ in. Ht. 6 to 12 in. Blooms June to frost

2686 **Allwoodi, Mixed.** ● This new half Carnation and half Pink is a continuous bloomer until frost and is suitable for the rock-garden, border, or pot-culture. All colors but yellow. Pkt. 25 cts.

2687 **Rock Garden Hybrids.** ● A special mixture containing many dwarf varieties suitable for rock-gardens. Pkt. 25 cts.

2688 **Single Early Grass or Clove Pinks** (*D. plumarius*). Many-colored, with fringed petals. Pkt. 10 cts.; ¼oz. 40 cts.

2690 **Everblooming Grass Pinks** (*D. plumarius semperflorens*). Single and semi-double blooms all summer long. Pkt. 15 cts.; ¼oz. 50 cts.

2691 **Double Grass Pinks** (*D. plumarius fl.-pl.*). Double flowers. Early bloomer. Pkt. 15 cts.; ¼oz. 75 cts.

Digitalis · Foxglove

Culture G. Cover seeds ⅛ in. Ht. 3 to 7 ft. Blooms June and July

Beautiful hardy biennials for the tall border, with towering spikes of bell-shaped blossoms. Although they sometimes persist for some years, they are best treated as biennials.

2692 **Giant Shirley, Mixed.** A new strain of Giant Foxglove attaining a height of 5 to 7 feet, with spikes of bloom 3 to 4 feet long, closely set with flowers of giant size ranging in color from white to dark rose, spotted and blotched with crimson, maroon, and chocolate. Pkt. 15 cts.; ¼oz. 50 cts.

Gloxiniæflora. Large flowers of velvety texture, with gloxinia-like spots, on long, well-filled spikes. Ht. 3 to 5 ft.

2693 **Pink** 2695 **White** 2696 **Mixed**
2694 **Purple**

Each of above, pkt. 10 cts.; ¼oz. 40 cts.

2697 **Maculata superba.** A beautiful spotted variety in various colors. Pkt. 10 cts.; ¼oz. 50 cts.

2698 **Monstrosa.** *Mammoth Foxglove.* A very unusual and showy form in which the upper flowers are united into one very large, cup-shaped blossom. Mixture of various colors. Pkt. 10 cts.; ¼oz. 50 cts.

Edelweiss

Culture G. Cover seeds ⅛ in. Ht. 8 in. Blooms June and July. Best in full sun exposure

2711 **Alpinum.** ● An interesting and easily grown alpine plant with handsome silvery foliage and star-shaped white flowers. Pkt. 25 cts.

Eupatorium · Thoroughwort

Culture G. Cover seeds ⅛ in. Ht. various. Blooms Aug. and Sept.

2735 **Fraseri.** A dwarfer type than Purpureum, growing about 2 feet high and forming clusters of snow-white flowers. Fine for bouquets. Pkt. 10 cts.; ¼oz. 75 cts.

2736 **Purpureum.** Showy purple flower-heads in late summer. Ht. 6 to 7 ft. Pkt. 15 cts.; ¼oz. $1.00.

Gaillardia · Blanket Flower

Culture G. Cover seeds ⅛ in. Ht. 2 ft. Blooms June to frost

The various color combinations in the flowers of the hardy Gaillardia closely resemble those found in Indian blankets, from whence it receives its common name, Blanket Flower. Excellent for borders, bedding, and cutting.

2796 **Portola Hybrids.** In color and size of bloom these hybrids are a wonderful development in Gaillardias. Flowers come in rich shades of bronzy red, with brilliant gold-tipped petals, and are 3½ inches in diameter. Pkt. 20 cts.; ¼oz. 75 c ts.

2797 **Grandiflora, Coppery Red.** A striking new color. Pkt. 20 cts.; ¼oz. 75 cts.

2798 **Grandiflora, Choice Mixed.** Large variety of brilliant colors. Pkt. 10 cts.; ¼oz. 40 cts.

Geum

Culture G. Cover seeds ⅛ in. Ht. 1½ ft. Blooms June to Sept.

Free-blooming, hardy border plants highly prized for cutting.

2805 **Mrs. Bradshaw.** Large, double, bright scarlet flowers. Pkt. 15 cts.

2806 **Lady Stratheden.** Rich golden yellow. Pkt. 20 cts.

Grasses, Ornamental

Culture G. Cover seeds ⅛ in. Ht. various

Specimen plants, clumps, or entire beds of harmonious varieties are always interesting. All are valuable for cutting.

2842 **Erianthus Ravennæ.** Silvery plumes and violet-shaded leaves. Ht. 5 to 7 ft. Pkt. 10 cts.; ¼oz. 25 cts.

2843 **Eulalia zebrina.** *Zebra Grass.* Leaves barred yellowish white. Ht. 4 ft. Pkt. 10 cts.; ¼oz. 40 cts.

2844 **Gynerium argenteum.** *Pampas Grass.* Beautiful, tall, silvery plumes. Ht. 6 ft. Pkt. 10 cts.; ¼oz. 25 cts.

Gypsophila · Baby's Breath

Culture G. Cover seeds ⅛ in. Ht. various. Blooms July and Aug.

Dainty old-fashioned flowers that bear themselves with a misty grace.

2865 **Paniculata.** Flowers the first season if sown early. Equally desirable as a border plant and for cutting. Ht. 3 ft. Pkt. 10 cts.; ¼oz. 25 cts.

2866 **Paniculata fl.-pl.** A goodly proportion of the plants will produce exquisite little double white flowers. Pkt. 25 cts.; ⅛oz. 85 cts.

2867 **Repens rosea.** ● Elegant trailing plants splendid for the rockery. Clouds of small pink flowers. Pkt. 25 cts.; ⅛oz. 75 cts.

Helenium · Helen's Flower

Culture G. Cover seeds 1/8 in. Ht. 3 to 5 ft. Blooms Aug. and Sept.

Free-blooming perennials of easy culture. Valuable for adding color to the border background.

2870 **Autumnale superbum.** Golden yellow. Pkt. 15 cts.; 1/8oz. 50 cts.

2871 **Riverton Gem.** Wallflower-red, dark center. Pkt. 15 cts.; 1/8oz. 50 cts.

Helianthus · Sunflower

Culture G. Cover seeds 1/4 in. Ht. 5 to 6 ft. Blooms Aug. and Sept.

Splendid background plants for the hardy border. Seed sown early will produce flowering plants the first season.

2883 **Perennial Varieties, Mixed.** Medium-sized flowers in shades of yellow. Pkt. 20 cts.

Heuchera · Coral Bells

Culture G. Cover seeds 1/16 in. Ht. 2 ft. Blooms July and Aug.

Compact, bushy plants with heavy foliage from which arise the graceful flower-spikes covered with pendent bell-shaped blooms. Excellent for cutting.

2890 **Sanguinea.** Rich, bright coral-red. Pkt. 25 cts.

2891 **Sanguinea Hybrids.** *New.* Colors from white to glowing crimson. Pkt. 25 cts.

Hibiscus · Marsh-Mallow

Culture G. Cover seeds 1/4 in. Ht. 4 to 5 ft. Blooms July to Sept.

Handsome plants producing enormous flowers in lovely colors. When once established they will last for years.

2895 **Crimson Eye.** Large, pure white flowers with velvety crimson centers. Pkt. 10 cts.; 1/4oz. 35 cts.

2896 **Giant Rainbow Hybrids.** Flowers often 8 inches in diameter, from white to deep red. Pkt. 10 cts.; 1/4oz. 30 cts.

Hollyhocks

Culture G. Cover seeds 1/4 in. Ht. 5 to 8 ft. Blooms July and Aug.

2900 **New Double Exquisite.** Flowers very double, each petal exquisitely curled and fringed, with a broad margin of white, the centers being shades of rose, carmine, purple, and violet. Pkt. 25 cts.; 1/8oz. 75 cts.

2901 **New Double Triumph.** Of branching habit; waved and fringed flowers in a variety of colors. Pkt. 25 cts.; 1/8oz. 75 cts.

2913 **Double Imperator.** Large, fringed, rosette flowers with wide guard petals in lovely pastel shades. Pkt. 25 cts.; 1/8oz. 75 cts.

CHATER'S SUPERB DOUBLE HOLLYHOCKS

2902 **Maroon** 2905 **Salmon-Rose** 2908 **White**
2903 **Newport Pink** 2906 **Scarlet** 2910 **Superb Mixed**
2904 **Rose-Pink** 2907 **Sulphur-Yellow**

Each of above, pkt. 10 cts.; 1/4oz. 60 cts.

2909 **COLLECTION: One pkt. each of above 7 colors 60 cts.**

2911 **Single Mixed.** Choice assortment of all colors. Pkt. 10 cts.; 1/4oz. 40 cts.

2912 **Allegheny Fringed, Mixed.** Single and semi-double mammoth flowers with fringed petals. Pkt. 10 cts.; 1/4oz. 50 cts.

Liatris · Gayfeather

Culture G. Cover seeds 1/4 in. Ht. 2 1/2 to 3 ft. Blooms July and Aug. Prefers sun

2966 **Pycnostachya.** Long, showy flower-spikes that begin to open at the top and are densely covered with rosy purple blooms. Splendid for the border and for cutting. Pkt. 15 cts.; 1/4oz. $1.00.

Linaria · Kenilworth Ivy

Culture E. Cover seeds 1/8 in. Blooms June to Sept. Trailing

2967 **Cymbalaria.** A very graceful creeper or climber with glossy, ivy-like foliage. Dainty flowers in shades of lilac, rose, and white. Most attractive for boxes, baskets, etc. Pkt. 15 cts.

Linum · Flax

Culture G. Cover seeds 1/16 in. Ht. 2 ft. Blooms May to Aug.

Perenne. Graceful, feather-like plants which flower profusely.

2971 **Blue** 2972 **White**

Each of above, pkt. 10 cts.; 1/4oz. 30 cts.

Lobelia · Cardinal Flower

Culture G. Cover seeds 1/16 in. Ht. 3 ft. Blooms July to Sept. Prefers moist location

2981 **Cardinalis.** Fine hardy border plant with brilliant spikes of flaming scarlet. Pkt. 25 cts.; 1/8oz. $1.00.

Lunaria · Honesty

Culture G. Cover seeds 1/8 in. Ht. 1 1/2 ft.

2985 **Biennis alba.** The silvery white, flat seed-pods make handsome winter indoor decorations. Pkt. 10 cts.; 1/4oz. 30 cts.

Lupinus

Culture G. Cover seeds 1/4 in. Ht. 3 to 4 ft. Blooms May and June. Prefers partly shaded, rich soil

Polyphyllus. One of the most beautiful perennials. Produces tall spikes of pea-shaped blooms in clear colors.

2994 **Blue** 2996 **Yellow** 2998 **Choice Mixed**
2995 **Bright Rose** 2997 **White**

Each of above, pkt. 10 cts.; 1/4oz. 25 cts.; 1/2oz. 40 cts.

2992 **Russell Hybrids.** We offer the well-known Lupins in original growers' packets of reselected seeds. Pkt. (10 seeds) 15 cts.; pkt. (24 seeds) 25 cts.

Lychnis

Culture G. Cover seeds 1/8 in. Ht. various. Blooms June and July

Handsome hardy perennials of easy culture, for massing in beds or borders.

3000 **Chalcedonica.** *Jerusalem Cross.* Erect-growing, 2 to 3 feet tall, with clusters of flaming vermilion flowers at the top. Pkt. 10 cts.; 1/4oz. 25 cts.

3001 **Haageana Hybrids.** A form with very large flowers, nearly 2 inches across, in many shades of red. Ht. 1 ft. Pkt. 15 cts.; 1/8oz. 50 cts.

Myosotis · Forget-me-not

Culture G. Cover seeds 1/8 in. Ht. 6 to 12 in.

Lovely little plants for moist and shady situations. The Alpestris varieties come into bloom in April and, as they are not entirely hardy, should be wintered over in coldframes. The Palustris type bloom continuously from May until frost and are hardy.

ALPESTRIS VARIETIES

Dwarf, compact, and much branched, with dainty blooms of blue, rose, and white.

3065 **Alba** 3066 **Rosea** 3067 **Royal Blue**

Each of above, pkt. 10 cts.; 1/4oz. 50 cts.

3068 **Choice Mixed.** Pkt. 10 cts.; 1/4oz. 40 cts.

3070 **Victoria.** Large; clear azure-blue. Pkt. 15 cts.; 1/8oz. 50 cts.

3071 **Ruth Fischer.** Dwarf and compact, with large, deep blue flowers. The best variety for pot-culture and spring bedding. Pkt. 25 cts.

3072 **Palustris.** ● The true "Forget-me-not." Produces dainty sprays of bright blue flowers over a long season. Pkt. 15 cts.; 1/4oz. 75 cts.

Lupins, Russell Hybrids

OEnothera · Evening Primrose

Culture G. Cover seeds 1/8 in. Ht. 10 in. Blooms June to Aug.

3125 **Missouriensis.** ● Of easy culture, with large, fragrant, golden yellow blooms. Adaptable to either the border or rockery. Pkt. 20c.

Pentstemon · Beard Tongue

Culture G. Cover seeds 1/8 in. Ht. 1 1/2 to 2 ft. Prefers sunny location

Splendid plants for the hardy border and very showy in clumps.

3180 **Glaber.** Bright bluish rose flowers in close clusters in early May. Pkt. 15 cts.

3181 **Sensation.** A hybrid strain with giant gloxinia-like flowers ranging in color from pink to scarlet and maroon, variously striped and blotched. Blooms from midsummer until frost. Pkt. 20 cts.

Phlox

Culture G. Cover seeds 1/8 in. Ht. 3 ft. Blooms June to Sept.

3235 **Decussata, Mixed.** Saved from the newest and best large-flowering varieties. The seed germinates slowly over a period of six months. Pkt. 25 cts.

Physalis · Chinese Lantern Plant

Culture B. Cover seeds 1/8 in. Ht. 2 ft. Blooms July to Oct. Prefers sun

3240 **Francheti.** Flowers bright orange-scarlet, shaped like a Chinese lantern. Splendid for drying for winter decoration. Pkt. 10 cts.; 1/4oz. 50 cts.

Physostegia · False Dragonhead

Culture G. Cover seeds 1/4 in. Ht. 3 to 4 ft. Blooms July and Aug.

3242 **Virginica.** One of the prettiest of the hardy perennials. Graceful, rosy pink spikes of tiny snapdragon-like blooms. Excellent for cutting. Pkt. 15 cts.; 1/4oz. 75 cts.

Platycodon · Balloon Flower

Culture G. Cover seeds 1/8 in. Ht. 2 1/2 ft. Blooms July to Oct.

Balloon-like buds followed by broad bell-shaped flowers. Fine for planting in permanent borders.

3244 **Grandiflorum, Blue.** Pkt. 10 cts.; 1/4oz. 50 cts.

Oriental Poppy

Primula, Elatior (Polyanthus)

Poppies · Papaver

Culture G. Cover seeds 1/8 in. Ht. various. Prefers sun

Their beautiful and brilliant colors, together with the delicate silken textures of the flowers, will appeal to all garden lovers.

ICELAND • PAPAVER NUDICAULE

3268 **The Emperor.** In a class by itself. Extremely large flowers on straight wire stems 18 inches long. Deep tangerine-orange in color. Although a perennial, it will bloom freely the first year from seed. Pkt. 20 cts.; 1/4oz. $1.00.

3270 **Iceland, Mixed.** Graceful, dwarf perennials, 1 foot high, with evergreen foliage. The dainty flowers, in shades of yellow, salmon and orange, are excellent for cutting when still in bud. Blooms throughout the summer. Pkt. 15 cts.; 1/4oz. 75 cts.

ORIENTAL • PAPAVER ORIENTALIS

3271 **Orientale.** The flaming "Decoration Day" Poppy. Gigantic, deep scarlet flowers. Ht. 3 ft. Blooms June and July. Pkt. 10 cts.; 1/4oz. 50 cts.

3272 **Orientale, Princess Victoria Louise.** Beautiful salmon-pink. Pkt. 15 cts.; 1/8oz. 75 cts.

3273 **Orientale Hybrids.** Like Orientale, but the flowers are salmon, orange, and shades of red. Pkt. 10 cts.; 1/4oz. 60 cts.

Primula · Primrose •

Culture G. Cover seeds 1/8 in. Ht. various. Seed germinates slowly

Useful for rockeries and borders, as well as for pot-culture. Although hardy on well-drained soil, it is best to give them some protection over winter.

3294 **Auricula.** Vigorous growers and early bloomers, with flowers in a wonderful range of colors, each marked with a distinct eye. Ht. 1 ft. Pkt. 25 cts.

3295 **Elatior, Mixed.** *Polyanthus.* Attractive early spring-flowering varieties. Ht. 8 in. Pkt. 25 cts.

3296 **Japonica, Mixed.** Grows to perfection on deep, moist soil and in shady locations. Blooms profusely in early summer. Comes in many delicate colors. Ht. 1 1/2 ft. Pkt. 25 cts.

3297 **Veris.** *Cowslip.* Fragrant flowers in many pleasing colors. Ht. 6 to 8 in. Pkt. 15 cts.

3298 **Vulgaris (acaulis).** This is the pale yellow, sweet-scented English Primrose that blooms in early spring. Ht. 6 in. Pkt. 15 cts.

Pyrethrum · Persian Daisy

Culture G. Cover seeds 1/8 in. Ht. 2 ft. Blooms May to July

Perfectly hardy and of easy culture, they are invaluable in the garden as well as for cut-flowers. Will bloom a second time in the fall if the first growth is cut back.

3300 **Hybridum, Single, Mixed.** Daisy-like flowers in giant single varieties, ranging from light pink to carmine-red. Pkt. 15 cts.; 1/4oz. 75 cts.

3301 **Hybridum, Double, Mixed.** Finest double hybrids. Seed saved from a famous collection. Only a portion of the plants will produce double flowers the first season. Pkt. 25 cts.; 1/8oz. 75 cts.

3302 **Dark Red Shades.** Pkt. 25 cts.; 1/8oz. 50 cts.

3303 **Hybridum roseum.** Large blooms of deep rose. Pkt. 15 cts.; 1/8oz. 50 cts.

Rudbeckia · Coneflower

Culture G. Cover seeds ¼ in. Ht. 3 ft. Blooms Aug. and Sept.

3313 **Newmani.** Vigorous in growth, with bright, rich yellow flowers having purple cones. Pkt. 15 cts.; ¼oz. 65 cts.

Salvia · Sage

Culture A. Cover seeds ⅛ in. Ht. 2 to 3 ft. Blooms July to frost

3335 **Farinacea.** A perennial variety which should be treated like an annual. Lovely blue flowers with grayish stems. Pkt. 15 cts.

3336 **Patens.** *Blue Sage.* Tender perennial with deep rich blue flowers. Treat in the garden as an annual. Pkt. 20 cts.

Saponaria

Culture G. Cover seeds ⅛ in. Ht. 9 in. Blooms June to Aug.

3342 **Ocymoides.** ● Hardy rockery plant of spreading habit that bears masses of tiny rose flowers all summer. Pkt. 10c.; ¼oz. 35c.

Scabiosa · Pin-Cushion Flower

Culture G. Cover seeds ¼ in. Ht. 2½ ft. Blooms June to July

Free-blooming, vigorous plants. Excellent cut-flowers.

3361 **Caucasica.** Flowers light azure-blue on long stems. Blooms the first season from early-sown seed. Pkt. 15 cts.

3362 **House's Giant Hybrids.** Large blooms with ruffled and fringed edges. Pkt. 25 cts.

3363 **Japonica.** Bushy plants with lavender flowers. Pkt. 10 cts.

Silene

Culture G. Cover seeds ⅛ in. Blooms July to Oct.

3371 **Schafta.** ● A much-branched trailing variety with showy rosy purple flowers. Pkt. 25 cts.

Statice · Sea Lavender

Culture G. Cover seeds ⅛ in. Ht. 2 ft. Blooms July to Sept. Prefers sun

3388 **Latifolia.** Strikingly effective plants with clouds of tiny purplish blue flowers. Valuable for drying for winter decoration. Pkt. 10 cts.; ¼oz. 50 cts.

Sweet William · Dianthus barbatus

Culture G. Cover seeds ⅛ in. Ht. 1½ ft. Blooms May to July

Handsome old perennial favorites, bearing heads of fragrant, richly colored flowers. Effective in beds and borders.

3561 **Holborn Glory.** Large, handsome, single flowers in a large range of colors, all with distinct white eyes. Pkt. 10 cts.; ¼oz. 35 cts.

3562 **Maroon.** Velvety, dark red. Pkt. 10 cts.; ¼oz. 35 cts.

3563 **Newport Pink.** A beautiful shade of salmon-pink. Massive heads on long stems. Pkt. 10 cts.; ¼oz. 50 cts.

3564 **Scarlet Beauty.** Rich deep scarlet with large heads. Pkt. 10 cts.; ¼oz. 50 cts.

3565 **Single White.** Pure white. Pkt. 10 cts.; ¼oz. 35 cts.

3569 **COLLECTION: One pkt. each of above 5 colors 40 cts.**

3567 **Choice Single, Mixed.** Pkt. 10 cts.; ¼oz. 25 cts.

3568 **Choice Double, Mixed.** Pkt. 10 cts.; ¼oz. 35 cts.

Stokesia · Cornflower Aster

Culture G. Cover seeds ⅛ in. Ht. 1½ ft. Blooms Aug. to Oct.

3435 **Cyanea.** A charming plant for the hardy border, also fine for cutting. Produces an abundance of beautiful aster-like lavender-blue flowers. Pkt. 15 cts.; ¼oz. 75 cts.

Sweet Rocket · Hesperis

Culture G. Cover seeds ⅛ in. Ht. 2 to 3 ft. Blooms June to Aug.

3555 **Matronalis.** Erect-growing, with clusters of sweet-scented flowers. Nice for borders and for cutting. Flowers white and deep lavender. Pkt. 10 cts.; ¼oz. 25 cts.

Thalictrum · Meadow-Rue

Culture G. Cover seeds ⅛ in. Ht. various

3575 **Adiantifolium.** Finely cut, maidenhairfern-like foliage with miniature white flowers in June and July. Ht. 15 in. Pkt. 10 cts.; ⅛oz. 35 cts.

3576 **Dipterocarpum.** Graceful plumes of rosy purple flowers with conspicuous yellow anthers. Blooms Aug. to Sept. Ht. 4 to 5 ft. Pkt. 15 cts.; ⅛oz. 75 cts.

Tritoma · Red-Hot Poker Plant

Culture G. Cover seeds ⅛ in. Ht. 3 ft. Blooms Aug. and Sept.

3582 **Hybrida.** Brilliant half-hardy perennial border plant with striking orange-red flower-spikes in tubular form. Lift in the fall and carry over in a coldframe. Pkt. 15 cts.; ¼oz. 75 cts.

Trollius · Globe Flower

Culture G. Cover seeds ⅛ in. Ht. 2 ft. Blooms May to Aug. Prefers moist, partly shaded locations

3585 **Ledebouri.** Large, orange, buttercup-like blooms. Seed germinates very slowly. Pkt. 25 cts.

Verbena

Culture A. Cover seeds ⅛ in. Ht. 1 ft. Blooms all summer

3617 **Venosa.** *Hardy Garden Verbena.* Bushy plants producing flowers in graceful panicles of sky-blue and purple. Tubers should be lifted in the fall. Pkt. 10 cts.

Veronica

Culture G. Cover seeds ⅛ in. Ht. 1½ ft. Blooms June and July

3620 **Spicata.** An elegant hardy border plant producing long spikes of bright blue flowers. Pkt. 15 cts.

Wallflowers

Culture A. Cover seeds ⅛ in. Ht. 1½ ft.

Prized for their delightful fragrance and grown for early spring bedding plants and for pot-culture. They should be wintered over in coldframes and planted out in April.

3640 **Single Paris.** A single-flowering variety blooming in July from seed sown indoors in February or March. Pkt. 10c.; ¼oz. 25c.

3641 **Choice Single, Mixed.** All colors. Pkt. 10 cts.; ¼oz. 25 cts.

3642 **Double Early Wonder, Mixed.** When sown indoors early, will bloom about July. Strong spikes of double, fragrant flowers. Pkt. 25 cts.; ⅛oz. 50 cts.

Stokesia (Cornflower Aster)

Trollius (Globe Flower)

Thalictrum (Meadow-Rue)

CONSERVATORY AND HOUSE PLANTS

It is of the utmost importance that the grower secure only the highest quality of seeds for Conservatory or Greenhouse use. We offer a high standard of excellence in the stocks offered below, all of which have been produced by the foremost seed specialists.

Cineraria hybrida

Abutilon · Flowering Maple

Culture E. Cover seeds ⅛ in. Ht. 2 ft. Night temperature 52°

Valuable house-plants which will bloom in the outdoor garden during summer and fall. Plants should be lifted in the fall and brought indoors where they will flower throughout the winter.

2006 **Hibiscus-flowered Hybrids.** Flowers held upright, ranging in color from cream to golden yellow and from white to rose. Free blooming. Pkt. 25 cts.

Cineraria

Culture F. Cover seeds ⅛ in. Ht. various. Night temperature 48°

Distinct and ornamental house-plants bearing magnificent heads of velvety flowers in white, all shades of blue from pale to dark blue, pink, carmine, and crimson with many bicolors.

2536 **Hybrida grandiflora nana, California Super-Giants, Mixed.** This new California Giant strain is recognized as outstanding among all Cinerarias. The huge flowers measure 4 to 6 inches across, with single petals 1 to 1½ inches wide, and are borne in profusion. Ht. 15 to 18 in. Originator's pkt. $1.00.

2530 **Hybrida grandiflora.** A prize strain. Large-flowering and unsurpassed for richness of color. Ht. 1½ ft. Pkt. 50 cts.

2531 **Hybrida grandiflora, Semi-Dwarf.** Plants about 1 foot tall, compact in growth, and bearing large, superbly colored flowers in profusion. Pkt. 50 cts.

2532 **Hybrida grandiflora nana.** Splendid, dwarf, profusely blooming hybrids. Pkt. 50 cts.

2534 **Hybrida stellata.** *Star Cineraria.* Star-shaped flowers with narrow petals in many pleasing colors. Highly decorative. 1½ ft. high. Pkt. 50 cts.

2535 **Hybrida grandiflora, Cremer's Prize Strain.** A fine new strain, forming exceptionally shapely specimens covered with a dense mass of blooms. Trade pkt. $1.50.

Cyclamen

Culture F. Cover seeds ⅛ in. Moist atmospheric condition; 52° house

We offer a choice selection of the finest strain of Cyclamen seed grown by a noted European specialist. Seed may be sown any time during the summer or autumn.

2611 **Dark Blood-Red.** Pkt. 50 cts.
2615 **Pink Pearl.** Pkt. 75 cts.
2617 **Pure White.** Pkt. 50 cts.
2621 **Salmon.** Pkt. 50 cts.
2622 **Salmon-Scarlet.** Pkt. 75 cts.

Dracaena · Cordyline

Culture F. Cover seeds ¼ in. Night temperature 52°

2710 **Indivisa.** Graceful foliage plants. Fine subjects for vases. Second-year plants may be planted out in the open border in late spring and repotted in the fall. Pkt. 10 cts.; ¼oz. 25 cts.

Geranium

Culture E. Cover seeds ⅛ in. Ht. various

Easily grown from seeds, they will bloom the first season. A real challenge to the grower, with always the chance of producing something entirely new.

2800 **Zonale, Mixed.** Pkt. 20 cts.

Gerbera · Transvaal Daisy

Culture E. Cover seeds ⅛ in. Ht. 1½ to 2 ft. Night temperature 58°

2802 **Jamesoni Hybrids.** Half-hardy perennials usually grown as greenhouse plants, but can, with care, be grown in the garden if wintered over in a coldframe. Graceful flowers on long stems for cutting, ranging from pure white through the shades of yellow, salmon, orange, and red. Pkt. 25 cts.

Gloxinia

Culture F. Press seeds lightly into soil. Night temperature 58°
Will bloom 5 to 6 months after sowing

2810 **Large-flowered Hybrids.** Large, tubular flowers of velvety texture in many brilliant colors. Handsome bronze-green foliage with white veins. The strain we offer is the finest produced. Compact and erect in growth; large-flowering and free-blooming. Pkt. 50 cts.

Grevillea · Silk Oak

Culture F. Cover seeds ⅛ in. Night temperature 52°

2855 **Robusta.** A handsome pot-plant of upright growth with graceful, fern-like foliage. Young plants 3 to 5 feet high are prized as window decorations and are equally useful in protected nooks outdoors. Pkt. 10 cts.; ¼oz. 50 cts.

Impatiens · Zanzibar Balsam

Culture E. Cover seeds ⅛ in. Ht. 1½ ft. Night temperature 52°

Charming plants for the house or conservatory; also suitable for the summer border. Requires no special treatment.

2922 **Holsti Hybrids.** A remarkable strain of great vigor, splendid for pot-culture. Compact plants about 1 foot high and 1 foot in diameter, with glossy green foliage and a profusion of bright flowers in orange, scarlet, pink, and white. Pkt. 25 cts.

2923 **Sultani.** Strong grower, 1½ to 2 feet tall, bearing brilliant rosy scarlet blossoms which contrast in striking manner with the bright green foliage. A rare and beautiful house-plant. Pkt. 25 cts.

Maurandia

Culture F. Cover seeds ⅛ in. Ht. 8 to 10 ft.

3025 **Mixed.** Slender-growing climber, fine for conservatory or greenhouse. Flowers the first season. Pkt. 25 cts.

Cyclamen

Mimulus · Musk-Plant

Culture E. Cover seeds 1/16 in. Ht. 8 in. Night temperature 52°

3040 **Moschatus.** A nice plant for pots or hanging-baskets, or for a moist, shady location in the garden. The flowers are small and yellow and the foliage fragrant. Pkt. 15 cts.

Musa · Abyssinian Banana Plant

Culture E. Cover seeds 3/4 in. Night temperature 58°

3060 **Ensete.** A large and showy foliage plant particularly good to create subtropical effects if planted in tubs or garden. A fast grower. Pkt. (10 seeds) 25 cts.

Primula · Primrose

Culture F. Cover seeds 1/8 in. Ht. 1 ft. Night temperature 52°

The profuse, winter-blooming Primulas are invaluable for the florist or for conservatory use. Mostly used as pot-plants, they may also be benched and cut for vase or design work. Sow in January for Christmas blooming; in March for a following crop; and in May for Easter display.

OBCONICA

We offer an improved free-flowering strain with extra-large flowers.

3280 **Grandiflora, Rose Queen.** Soft pink. Pkt. 50 cts.
3282 **Grandiflora, Red Mohnstein.** Deep red. Pkt. 75 cts.
3283 **Grandiflora rosea.** Bright rose. Pkt. 75 cts.
3285 **Grandiflora, Mixed.** All colors. Pkt. 50 cts.
3287 **Gigantea, Mixed.** All colors. Pkt. 50 cts.

MALACOIDES, BABY PRIMROSE

Flowers in profusion on long stems.

3290 **Alba** 3291 **Rosea**

Each of above, pkt. 25 cts.

Solanum · Jerusalem Cherry

Culture F, except use no peat moss or leaf-mold. Night temperature 52°

3380 **Capsicastrum nanum.** Ornamental pot-plants bearing an abundance of handsome scarlet berries. Pkt. 10 cts.
3381 **Cleveland Red Cherry.** An improved form of this ornamental pot-plant. Dwarf and compact, with large number of berries. Pkt. 15 cts.

Primula obconica grandiflora

Stevia · Piqueria

Culture F. Cover seeds 1/8 in. Ht. 2 1/2 ft. Night temperature 45°

3390 **Serrata.** Free-blooming plants excellent for cutting. Bears clusters of pure white, fragrant flowers during summer and winter. Pinch plants back frequently. Pkt. 10 cts.; 1/8oz. 40 cts.

VINES

Vines are an important class of plants for, by proper selection, they can be utilized not only for their beauty, but to provide shade and also to screen unsightly places about the garden or home. The annual vines are the quickest growers and in most cases their foliage is finer and not as broad-leaved as the perennial climbers.

Adlumia

Allegheny Vine; Mountain Fringe

Culture C. Cover seeds 1/4 in. Ht. 15 ft. Prefers semi-shade

2022 **Cirrhosa.** A graceful, hardy biennial which seeds itself. Fine feathery foliage that resembles the maidenhair fern. Tubular pinkish flowers completely cover the plant. Blooms the first season from seed if sown early. Pkt. 15 cts.

Ampelopsis · Boston Ivy

Culture G. Cover seeds 1/4 in. Ht. 20 to 40 ft.

2065 **Veitchi.** Hardy perennial vine which clings to brick or stone walls without any support. The foliage stands dust and smoke well and turns scarlet in the fall. Slow in germinating. Pkt. 10 cts.

Balloon Vine · Love-in-a-Puff

Culture C. Cover seeds 1/4 in. Ht. 8 to 10 ft. Prefers warm location

2300 A rapid-growing annual climber with white flowers, succeeded by miniature balloon-like seed-pods. Pkt. 10 cts.; 1/2oz. 25 cts.

Cardinal Climber

Ipomoea Quamoclit hybrida

Culture B. Cover seeds 1/4 in. Ht. 25 ft. Blooms midsummer to frost. Sunny location preferred

2420 Beautiful annual climber, growing fast and attaining a height of 25 feet. Foliage fern-like. Flowers brilliant cardinal-red, 1 1/2 inches across, borne in clusters of 5 to 7 each. Pkt. 15 cts.; 1/4oz. 50 cts.

Canary-Bird Vine

Tropaeolum canariense

Culture B. Cover seeds 1/4 in. Ht. 10 to 15 ft. Blooms continuously

2400 A rapid-growing annual vine with delicate yellow flowers. Foliage finely cut, light green. Pkt. 10 cts.; 1/4oz. 20 cts.

Cobaea · Cathedral Bells

Culture H. Cover seeds 1/4 in. Press seed into soil edgewise. Ht. 30 ft.

2555 **Scandens, Blue.** A quick-growing tender perennial vine best treated as an annual. Clings to any rough surface. Large, bell-shaped purple flowers. Pkt. 10 cts.; 1/4oz. 25 cts.

Cypress Vine · Ipomoea Quamoclit

Culture A. Cover seeds 1/8 in. Ht. 15 ft. Blooms midsummer to frost

2640 An annual vine with delicate fern-like foliage and masses of tiny star-shaped scarlet and also white flowers. Pkt. 10 cts.; 1/4oz. 25 cts.

Dolichos · Hyacinth Bean

Culture B. Cover seeds 1/2 in. Ht. 10 to 12 ft.

An ornamental annual vine of rapid growth with showy pea-like flowers on erect racemes.

2705 **Darkness.** Purplish lavender flowers succeeded by deep maroon-purple pods and large heart-shaped leaves. Pkt. 10 cts.; oz. 30 cts.
2706 **Daylight.** White flowers and pods. Light green foliage. Free flowering. Pkt. 10 cts.; oz. 30 cts.
2707 **Lablab, Mixed.** Tall-growing, with flowers ranging in color from white to purple. Pkt. 10 cts.; oz. 25 cts.

Ampelopsis Veitchi. See page 25

Gourds, Ornamental

Culture B. Cover seeds ½ in. Ht. various

Interesting annual climbers, useful for covering verandas, arbors, etc. They are rapid growers and their fruits are highly ornamental.

2827 **Dipper** 2830 **Hercules' Club** 2832 **Pipe Calabash**
2828 **Dishrag** 2831 **Nest-Egg** 2835 **Choice Mixed**
2833 **Giant Club**

Each of above, pkt. 10 cts.; oz. 30 cts.

2829 **COLLECTION: One pkt. each of above 6 varieties 50 cts.**

Humulus · Japanese Vine

Culture B. Cover seeds ¼ in. Ht. 25 to 30 ft.

Perhaps the fastest annual climber with dense, highly ornamental foliage, followed by clusters of white flowers.

2915 **Japonicus.** Growing to 30 feet in season. Pkt. 10 cts.; ¼oz. 30 cts.

2916 **Japonicus variegatus.** Foliage variegated with creamy white on deep green. Matures in one season. Pkt. 10 cts.; ¼oz. 40 cts.

Kudzu Vine · Pueraria

Culture G. Cover seeds ¼ in. Ht. 30 to 40 ft. Blooms in late Aug.

2927 **Japanese.** A hardy climber reaching 8 to 10 feet the first year from seed. Once established will climb 30 to 40 feet in a season. Large leaves valuable for shading. Bears small racemes of rosy purple pea-shaped blooms. Pkt. 10 cts.; ¼oz. 25 cts.

MAURANDIA. See Greenhouse and Conservatory Section.

Lathyrus · Hardy Sweet Pea

Culture G. Cover seeds ½ in. Ht. 5 ft. Blooms all summer

2960 **Latifolius.** A showy perennial climber with flowers much like the annual sweet pea, but without fragrance. Suitable for low trellises and screens. Pkt. 10 cts.; ½oz. 25 cts.

Momordica

Culture B. Cover seeds ¼ in. Ht. 10 to 15 ft.

Attractive, quick-growing annual vines with ornamental foliage and curious warted fruit.

3046 **Balsamina.** *Balsam Apple.* Small yellowish flowers followed by apple-shaped, golden yellow, warty fruits. Pkt. 10 cts.; oz. 50c.

3047 **Charantia.** *Balsam Pear.* Pear-shaped fruits. Glossy green foliage. Pkt. 10 cts.; oz. 50 cts.

Morning-Glories and Moonflowers

Culture B. Cover seeds ¼ in. Ht. 15 to 20 ft.

Old and friendly annual vines with flowers in many new varieties and beautiful color schemes. Sow in well-drained location. Improve soil by adding humus, or old well-rotted manure and sand. Commercial fertilizers should never be used.

3054 **Scarlett O'Hara.** New. See page 3.

3055 **Imperial Japanese Giant Morning-Glory, Mixed.** Remarkable for the brilliant color and gigantic size of the flowers, as well as for the form and variation of the foliage. Pkt. 10 cts.; oz. 30c.

3056 **Heavenly Blue Morning-Glory (Clark's Early-Flowering).** We offer an improved early-flowering strain of these lovely true blue flowers shading to white in the throat and measuring 4 inches in diameter. Profuse bloomers, remaining open until noon. Start seed early in pots indoors and later plunging the pots outdoors, keeping the plants pot-bound. Pkt. 15 cts.; ¼oz. 50 cts.

3057 **Tall Mixed Morning-Glory** (*Ipomœa purpurea*). *The Common Morning-Glory.* Always satisfactory, thriving in any soil. All shades of blue, pink, and red. Pkt. 10 cts.; oz. 25 cts.

3058 **Brazilian Morning-Glory** (*I. setosa*). An extremely rapid grower with leaves often measuring 10 inches across. The large flowers appear in late summer and are deep rose with a five-pointed star of satiny pink. Pkt. 10 cts.; ½oz. 30 cts.; oz. 50 cts.

3051 **Grandiflora.** *White-seeded Moonflower.* Quick-growing climbers with dense green foliage and immense pure white flowers 5 to 6 inches in diameter, that open in the evening and on cloudy days. Start seed early indoors. Pkt. 10 cts.; ½oz. 30 cts.; oz. 50 cts.

Wild Cucumber · Echinocystis

Culture B. Cover seeds ¼ in. Ht. 10 to 30 ft.
Soak seeds in lukewarm water for 12 hours before sowing

3720 **Lobata.** One of the fastest-growing annual vines. Bright green foliage; sweet-scented white flowers in July and August, followed by ornamental spiny seed-pods. Pkt. 10 cts.; oz. 35 cts.

Horticultural Books

All Books sent postpaid at prices quoted

Annuals, The Book of (Hottes). A reliable guide to the culture of annual flowers. Over 100 species are described with full directions for their culture and use. $1.50.

Bulbs, The Book of (Rockwell). Practical ideas galore are contained in the many illustrations which show bulbs actually growing in the garden. $2.50.

Commercial Floriculture (Bahr). A practical manual based on the author's experience of a half century. Covers a general review of the florist business. 300 illustrations. $5.50.

Evergreens for the Small Place (Rockwell). Tells the uses, details of planting, and general care of Evergreens for the home grounds. 84 pages; 67 illustrations. $1.25.

Fertilizers for Greenhouse and Garden Crops (Laurie). Deals with the fundamental factors of plant-growth. 156 pages; 22 illustrations. $2.00.

Garden Flowers in Color (Stevens). One of the best gardener's handbooks. With beautiful colored illustrations, descriptions and cultural hints. $1.98.

Garden Note Book (Putz). Covers a fund of material for a full garden year, both indoors and out. We highly recommend this work to the garden lover. $1.50.

How to Grow Roses. 72 illustrations (40 in color). Very instructive for the rose fancier. $1.00.

Landscape Gardening (Cridland). Of particular value to the owner of the moderate sized suburban home. Nicely illustrated. $2.50.

Lawns (Rockwell). Tells in detail just how to lay out the lawn, grade, fertilize, plant, care for after planting, control weeds and pests, and remake and repair old lawns. 87 pages; illustrated. $1.25.

1001 Garden Questions Answered (Hottes). A wealth of information covering the flower, vegetable, and fruit garden arranged in the form of questions and answers. $2.00.

Plant Propagation (Hottes). How to increase plants by seeds, cuttings, divisions, and grafting fully explained. 236 pages; 150 illustrations. $2.00.

Perennials, The Book of (Hottes). A veritable storehouse of information about the ever-popular flowers which come up year after year—the perennials. $2.00.

Rock-Gardens (Rockwell). Brief, clear descriptions and numerous drawings show just how you can construct a rock-garden on a large or small scale. $1.25.

Roses of the World in Color (McFarland). Not only the most beautiful of all rose-books but the most important to the gardener of today, as it shows all the important roses in color, describes them, and gives cultural instructions. $3.75.

Gladiolus

CULTURE. Gladiolus will thrive and adapt themselves to practically any type of garden soil. A sunny location, an abundance of water, especially when the buds begin to form, and frequent cultivation are the chief requirements for success. Plant bulbs about 4 inches deep and from 5 to 6 inches apart. When spikes are about 8 inches high, apply a small quantity of a good commercial fertilizer bi-weekly up to the time the buds start to show color. When the foliage becomes yellow and dry in the fall, take up bulbs, cut tops off within 2 inches of the bulb, and store in a cool dry place.

Our stock consists of what is known commercially as "top-size" stock only. All bulbs are 1½ inches in diameter and over.

AFLAME. Bright, flaming begonia-rose, shading to dark rose in the center. Tall, straight spikes. 8 cts. each; 80 cts. per doz.; $6.00 per 100.

ALBATROS. (Pfitzer.) One of the best pure white Gladiolus. Sturdy of growth. 9 cts. each; 90 cts. per doz.; $6.50 per 100.

BETTY NUTHALL. Outstanding warm light coral; pale orange throat with a light feathering of carmine. Very large flowers. 8 cts. each; 80 cts. per doz.; $6.00 per 100.

DEBONAIR. Tall salmon-pink with cream throat. Always straight spikes. Exceptionally good cut-flower. 9 cts. each; 90 cts. per doz.; $7.00 per 100.

DR. F. E. BENNETT. Exceptionally large flowers, deep flame-scarlet in color, on stiff, straight stems. 7 cts. each; 70 cts. per doz.; $5.00 per 100.

GIANT NYMPH. Luminous light rose-pink, salmon sheen. Very large flowers on stiff stems. 6 cts. each; 60 cts. per doz.; $4.50 per 100.

GOLDEN DREAM. Clear golden yellow. Very desirable. Tall, straight stems. 6 cts. each; 60 cts. per doz.; $4.50 per 100.

LA PALOMA. Heavily textured of a very pleasing, deep rich orange. Stands sun and rain better than most Gladiolus. 8 cts. each; 80 cts. per doz.; $6.00 per 100.

LOS ANGELES. Exquisite shrimp-pink flowers on tall, graceful spikes. 6 cts. each; 60 cts. per doz.; $4.50 per 100.

LOYALTY. The large flowers are of a clear pure golden yellow carried on tall, strong spikes. 8 cts. each; 80 cts. per doz.; $6.00 per 100.

MAMMOTH WHITE. Perhaps the largest-flowering Gladiolus grown. Flower pure white and 7 inches across when open, spikes 5 feet high. 9 cts. each; 90 cts. per doz.; $7.00 per 100.

MINUET. Beautiful, clear light lavender blooms on good strong stems. 9 cts. each; 90 cts. per doz.; $7.00 per 100.

MRS. F. C. HORNBERGER. Beautiful snow-white, showing a faint ivory flush. Large ruffled flowers. 8 cts. each; 80 cts. per doz.; $6.00 per 100.

MRS. FRANCIS KING. Brilliant light scarlet, shading into pink. One of the most attractive Gladiolus. 6 cts. each; 60 cts. per doz.; $4.50 per 100.

MRS. LEON DOUGLAS. Tremendously large flowers of begonia-rose, splashed with scarlet. 7 cts. each; 70 cts. per doz.; $5.00 per 100.

ORANGE QUEEN. (Primulinus.) Warm tints of pure apricot. Large, open flowers on good spikes. 7 cts. each; 70 cts. per doz.; $5.00 per 100.

PICARDY. Considered by many growers as the best pink in existence. Large, light pink florets 4 to 5 inches across, edges feathered lightly with rose. 7 cts. each; 70 cts. per doz.; $5.00 per 100.

SCARLET WONDER. Mammoth size flowers of pure deep scarlet on tall, stiff stems. 8 cts. each; 80 cts. per doz.; $6.00 per 100.

VEILCHENBLAU. Magnificent velvety-appearing violet-blue flower. A particularly desirable variety. 9 cts. each; 90 cts. per doz.; $6.50 per 100.

VIRGINIA. Large, massive flowers, flaming scarlet in color. Very showy. 6 cts. each; 60 cts. per doz.; $4.50 per 100.

WASAGA. (Primulinus.) Clear buff-apricot, wide-open, nicely frilled flowers on straight spikes. 7 cts. each; 70 cts. per doz.; $5.00 per 100.

BECKERT'S SUPERB MIXTURE. An unexcelled blend of a large number of fine and distinct varieties of Gladiolus. This is a specialty of ours, and not to be compared with ordinary mixtures. Selected bulbs, 5 cts. each; 45 cts. per doz.; $3.50 per 100.

Hardy Lilies

Auratum (Gold-banded Lily). Ivory-white, spotted with crimson, broad yellow band in center of each petal. Large bulbs, 40 cts. each; $4.00 per doz.

Regale. Extremely hardy. Large, trumpet-shaped ivory-white flowers, shaded pink, with golden yellow throat. Mammoth bulbs, 60 cts. each; $6.00 per doz.

Speciosum album. Frosty white tinged with buff. One of the daintiest Speciosums. 50 cts. each; $5.00 per doz.

Speciosum Melpomene. Rich, dark carmine on white ground with crimson spots. 50 cts. each; $5.00 per doz.

Speciosum rubrum. Rosy white, heavily spotted with crimson. 50 cts. each; $5.00 per doz.

Tigrinum splendens (Tiger Lily). Deep orange-red flowers spotted black. Large bulbs, 35 cts. each; $3.50 per doz.

Cannas

The President. 5 feet. Immense trusses of glowing red flowers in great profusion. Glossy green foliage. 12 cts. each; $1.15 per doz.

City of Portland. 3½ feet. Large, glowing pink flowers. Rich green foliage. 12 cts. each; $1.15 per doz.

Richard Wallace. 4½ feet. Canary-yellow. Green foliage. 12 cts. each; $1.15 per doz.

King Humbert. 4½ feet. Brilliant orange-scarlet with bright red markings. Foliage coppery bronze. 12 cts. each; $1.15 per doz.

Yellow King Humbert. 4½ feet. Trusses of bright yellow flowers, splashed with red. Green foliage. 12 cts. each; $1.15 per doz.

Dahlias

CULTURE. A good garden soil, 5 to 8 pounds of raw bone-meal per 100 square feet of bed, applied in late fall, liquid cow-manure, or small amo nt of a complete, but low nitrogenous fertilizer applied during the growing season at 2- to 3-week intervals and an abundance of moisture will give very satisfactory results.

Donna California. (Decorative.) Lovely deep lavender blooms of great size. Very productive. 50 cts. each.
Dr. J. H. Corman. (Decorative.) Massive-looking blooms of a clear rose-color, tipped silver, on stiff stems. 50 cts. each.
Jersey Beauty. (Decorative.) A splendid exhibition Dahlia. The large, true pink flowers, perfect of form, are carried well above the foliage on stiff, straight stems. 35 cts. each.
Kathleen Norris. (Decorative.) Imposing in proportion, the massive flowers are distinctly rose-pink in color. Petals broad, overlapping with twisted ends. 50 cts. each.
Kentucky. (Decorative.) Brilliant salmon-orange, shaded soft pink on reverse side of petals; long, straight stems. 35 cts. each.
Mammoth Champion. (Decorative.) The full, flame-scarlet flowers are carried well above the foliage on strong, stiff stems. 50 cts. each.
Marmion. (Decorative.) Beautiful, large flowers of golden yellow color, flushed with bronze. Very desirable. 35 cts. each.
Mrs. A. B. Seal. (Decorative.) Enormous flowers of a lovely old-rose color. Good stems. 35 cts. each.
Mrs. I. de Ver Warner. (Decorative.) Perfect in form. Beautiful orchid-mauve-pink in color. Free, continuous bloomer. 35 cts. each.
Rose Fallon. (Decorative.) Large blooms of dark, orange-tinted amber and salmon. Excellent cut-flower. 35 cts. each.
Sagamore. (Decorative.) Fine for cut-flower purposes. Golden amber flowers on stiff stems. 35 cts. each.
White Wonder. (Decorative.) One of the finest pure whites on the market today, with long, pointed, and twisted petals. A really beautiful Dahlia. 60 cts. each.

Miniature Dahlias

Deservedly popular, these Miniature Dahlias are delightful subjects for the garden. Lovely replicas of the larger Dahlias, yielding a great abundance of cut-flowers.

Baby Royal. The perfectly formed salmon-pink flowers, flushed with apricot, lend themselves to any decoration scheme. 60 cts. each.
Bishop of Llandaff. Very charming; bright scarlet shading to dark red in center. Foliage deep bronze. 60 cts. each.
Little Jewel. Very graceful. Flowers peach-blossom-pink in color. 60 cts. each.
Paddy. Free-flowering and bright in appearance. Flowers flesh-colored, suffused with rose. 60 cts. each.

COLLECTION of 6 or more, deduct 20 per cent from list price

Dahlia, Kentucky

Miscellaneous Bulbs

AMARYLLIS, Giant Hybrids. Mammoth bulbs, 75 cts. each; $7.50 per doz.

BEGONIA, Tuberous-rooted. A complete assortment of colors. **Single, Mixed.** 35 cts. each; $3.50 per doz. **Double, Mixed.** 40 cts. each; $4.00 per doz.

CALADIUM esculentum (Elephant's Ear). Grown for its imposing, shield-shaped leaves, often 3 or more feet in length. Requires a rich soil and an abundance of water. 15 cts. each; $1.50 per doz.

CALLA, Golden Yellow. Rich golden yellow flower. Monster bulbs only. 60 cts. each; $6.00 per doz.

TUBEROSE, Double Pearl. Creamy white, double flowers; very fragrant. Mammoth bulbs only. 7 cts. each; 70 cts. per doz.; $5.25 per 100.

Flowers for Special Purposes

ANNUAL FLOWERS FOR CUTTING

Agrostemma
Antirrhinum
Arctotis
Aster
Blue Lace Flower
Calendula
Calliopsis
Centaurea
Chrysanthemum
Cosmos
Everlastings
Gaillardia
Gypsophila
Larkspur
Lupinus
Marigold
Nasturtium
Poppy
Rudbeckia
Salpiglossis
Scabiosa
Schizanthus
Sweet Pea
Zinnia

POPULAR HARDY PERENNIALS

Achillea
Aconitum
Adonis vernalis
Anemone
Anthemis
Aquilegia
Bellis perennis
Coreopsis
Delphinium
Dianthus
Digitalis
Gaillardia
Helenium
Heuchera
Hibiscus
Iberis gibraltarica
Pentstemon
Phlox
Physostegia
Poppy
Pyrethrum
Sweet Rocket
Thalictrum
Trollius

DWARF FLOWERS FOR EDGING

Annuals	Perennials
Alyssum	Anemone
Lobelia	Arabis
Marigold, Dwarf	Aubrietia
Nemesia	Bellis perennis
Pansy	Campanula carpatica
Portulaca	Cerastium
Saponaria Vaccaria	Iberis gibraltarica
Verbena	Viola

FOR SEMI-SHADED LOCATIONS

Anchusa italica
Aquilegia
Balsam
Bellis perennis
Campanula
Centaurea
Clarkia
Coleus (Foliage)
Geum
Godetia
Lupinus
Mignonette
Myosotis
Pansy
Platycodon
Sweet William

ROCK-GARDEN FAVORITES

Annuals	Perennials
Alyssum, Carpet of Snow	Alyssum saxatile
Antirrhinum, Rock Hybrids	Arabis alpina
Brachycome iberidifolia	Campanula carpatica
Candytuft, Little Prince	Cerastium tomentosum
Hunnemannia fumariæfolia	Cheiranthus Allioni
Marigold (*Tagetes signata pumila*)	Dianthus, Rock Hybrids
Mesembryanthemum	Geum, Lady Stratheden
Nemesia strumosa	Heuchera sanguinea
Phlox, Dwarf Cecily	Iberis sempervirens
Portulaca, Mixed	Poppy, Iceland
Viscaria, Dwarf Mixed	Primula elatior
Zinnia mexicana Hybrids	Saponaria ocymoides

FOR WINTER BOUQUETS

Acroclinium
Ammobium
Eulalia
Gomphrena
Gypsophila paniculata
Helichrysum
Nemesia
Physalis
Rhodanthe
Salvia farinacea
Statice
Xeranthemum

BECKERT'S Well-Known VEGETABLE SEEDS

MATURITY FIGURES

Most vegetables in this Catalog will have the number of days required from seeding to edible stage at the right of the name of the variety.

While the maturity of any vegetable will be influenced by weather and soil-conditions, the information will, nevertheless, be valuable to the gardener in making a comparison as to the earliness or lateness of any one variety. Likewise, it will help in planning a succession of plantings either of the same vegetable or following with other kinds. In this way, it will be possible for the grower to have a succession of crops throughout the summer that will make even the smallest garden yield a maximum return.

Mary Washington Asparagus

Asparagus

SPARGEL (*Ger.*) SPARAGIO (*Ital.*)

One ounce of seed will produce about 200 plants

Sow seed in early spring in rows in a well-prepared seed-bed and transplant to permanent location the next year. The permanent bed should be deeply spaded or trenched, well fertilized, and humus added in the form of well-rotted manure or other humus-supplying medium.

Mary Washington. One of the best. Produces thick, tender, exceptionally uniform shoots with purple tips. Somewhat more disease-resisting than the other varieties. Pkt. 10 cts.; oz. 20 cts.; ¼lb. 60 cts.

Asparagus Roots

Strong, two-year-old roots.

Mary Washington. 50 roots $1.25; 100 roots $2.00; 1000 roots $15.00.

Artichoke

ARTISCHOCKE (*Ger.*)
ARTICIOCCA (*Ital.*)

One ounce of seed will produce 500 plants

Large Green Globe. The thick, fleshy flower-heads, when prepared like asparagus, are considered a great delicacy. Will produce the second season. Pkt. 15 cts.; ½oz. 40 cts.; oz. 75 cts.

Bush Beans

BOHNEN (*Ger.*) FAGIUOLI (*Ital.*)

One pint of seed will plant about 75 feet of row

Sow Beans when all danger of frost is past—usually around the middle of May in our Pittsburgh sector. Cover the seeds with 1½ to 2 inches of soil, in rows 1½ to 2 feet apart. Frequent, but shallow, cultivation will be of the greatest benefit to the growing plants, but should be discontinued when the blossoms appear, to avoid root-injury during the blossoming and bearing period. Repeat sowings at 2-week intervals for a continued supply.

Pt. 30 cts.; qt. 60 cts.; 2 qts. $1.10; 4 qts. $2.00

Green-podded Bush Beans

Asgrow Valentine. 53 days. A most desirable new Bean producing great quantities of large, oval, dark green, fleshy pods. Entirely stringless and tender.

Tendergreen. 53 days. Introduced in 1933, this Bean has become a great favorite. A vigorous grower which produces round and meaty pods in great abundance. Fully 7 inches long, the pods are entirely stringless and tender.

Bountiful. 48 days. A grand favorite with the market and home-growers alike. Vigorous and disease-resistant, it produces great crops of brittle, entirely stringless pods, 6 inches long, straight, broad and flat.

Burpee's Stringless Green-Pod. 54 days. Very early and round-podded, it fills the need for an all-purpose Bean. Besides being a heavy bearer, it has a long yield period.

Full Measure. 54 days. The plants are thrifty and bear their tender, round pods early in the season.

Giant Stringless Green-Pod. 53 days. A most dependable yielder. It produces its handsome stringless round pods in abundance.

Keeney's Stringless Green Refugee. 70 days. A round-podded variety that matures late. Exceptionally fine for canning.

Wax-podded Bush Beans

Sure-Crop Stringless Wax. 53 days. Resembles Bountiful in its sturdy growth and disease-resistant qualities. The pods average 6 to 7 inches in length, are flat in shape, but very fleshy.

Wardwell Kidney Wax. 55 days. An excellent early variety with creamy yellow, flat pods.

Round-Pod Brittle Wax. 58 days. Vigorous grower in rich soils. Drop seeds 5 inches apart. Bears slightly curved, round pods for the better part of one month.

Pencil-Pod Black Wax. 58 days. Stringless, meaty, round, slender, bright yellow pods 6 to 7 inches long.

Pole Beans

One pint of seed will plant 75 hills

Pkt. 10 cts.; pt. 35 cts.; qt. 65 cts.; 2 qts. $1.20; 4 qts. $2.25

Green-podded Varieties

Kentucky Wonder or **Old Homestead.** 65 days. A popular old reliable, bearing heavy clusters of round and meaty pods, often 9 inches long.

White-Seeded Kentucky Wonder. 64 days. Excellent for dry shell use, as well as for Snap Beans.

Lazy Wife. 72 days. Thick, flat pods; stringless, tender.

Horticultural Pole. 70 days. Unexcelled for Shell Beans.

Scarlet Runner. 90 days. Grown for its showy red blossoms. Pods shelled and cooked like Limas.

Yard Long or **Asparagus.** Narrow, enormous, long pods of asparagus-like flavor.

Wax-podded Varieties

Kentucky Wonder Wax. 74 days. Immensely productive.

Golden Cluster Wax. 70 days. Produces large clusters of broad, flat, thick, light yellow pods 7 inches long and 1 inch broad.

Asgrow Valentine Beans

Bush Lima Beans

Lima Beans

Sow only after weather has become settled and warm. Place seeds, eye down, 5 to 6 inches apart. After plants have been well established, thin out to stand 8 inches apart.

Pkt. 10 cts.; pt. 35 cts.; qt. 65 cts.; 2 qts. $1.20; 4 qts. $2.25

Bush Lima Beans

One pint of seed will plant about 75 feet of row

Fordhook. 75 days. Outstanding in quality, producing strong and erect plants that bear pods in clusters of from 4 to 8. Beans are light green in color when shelled; very fleshy and tender.

Extra-Early Giant. 72 days. The earliest of all the large-podded Bush Limas.

Burpee's Giant Improved. 76 days. A heavy yielder of enormous, flat pods.

Wood's Prolific. 70 days. The dwarf "Butter Bean" of the South. Favorite for canning.

Pole Lima Beans

One pint of seed will plant 75 hills

Giant-Podded. 90 days. The largest-podded of all Lima Beans. Shells large; white Beans of excellent flavor.

King of the Garden. 88 days. A heavy producer of large, straight pods, 6 inches long, with 4 to 6 large white Beans.

Early Leviathan. 79 days. Earliest of all Pole Limas.

Carolina or Sieva. 78 days. Small. White-seeded. Heavy bearer and fine for canning.

Dry Shell Beans

One pint of seed will plant about 75 feet of row

Pkt. 10 cts.; pt. 35 cts.; qt. 65 cts.; 2 qts. $1.50; 4 qts. $2.25

White Marrowfat. 60 days. Plump, white Beans. Finest for baking.

Snowflake Navy. 70 days. Improved strain of the small Navy Beans.

Horticultural Dwarf. 54 days. The pods, being entirely stringless, are favorites for Snap-shorts; also excellent for green shelled Beans.

White Kidney. 62 days. Large, white, kidney-shaped Bean of fine quality.

Red Kidney. 60 days. Popular for baking and soups.

Table Beets

RUBE (*Ger.*) BARBABIETOLA (*Ital.*)

One ounce of seed will plant 75 feet of row

Spade your garden deeply and sow seed carefully in early April, in rows 18 inches apart and 1 inch deep. When seedlings are about 3 inches high, thin out so that plants stand about 3 to 4 inches apart, which gives ample room for their full development.

Pkt. 10 cts.; oz. 20 cts.; ¼lb. 50 cts.

Crosby's Egyptian. 60 days. Unsurpassed in earliness and quality. Roots are slightly flattened globes with small tap-roots. Flesh deep red, sweet, and tender. Ideal for the home or market gardener.

Extra-Early Egyptian. 56 days. Extra-early variety with small tops. The roots are dark crimson, of medium size, and slightly flattened.

Early Wonder. 58 days. An early strain of Crosby's with small tops and small tap-root. Recommended for first early and fall plantings.

Detroit Blood-Red. 68 days. Roots globular, smooth, and uniform; flesh dark red, with indistinct zones, remains sweet and tender for a long period.

Good for All. 60 days. One of the best all-purpose Beets on the market. The uniform, globular roots can be harvested for pickling purposes when 1½ to 2 inches in diameter, but will retain their tenderness, flavor, and uniform dark crimson color when fully matured.

Swiss Chard · Spinach Beet

BIESSKOHL (*Ger.*) BIETOLA (*Ital.*)

A wholesome vegetable taking the place of spinach during the summer months.

Lucullus. Its fleshy, dark green, crumpled leaves can be had 40 to 50 days after sowing. The fleshy stems can be prepared like asparagus. Pkt. 10 cts.; oz. 20 cts.; ¼lb. 50 cts.

Mangel Wurzels

Oz. 10 cts.; ¼lb. 25 cts.; lb. 75 cts.

Giant Long Red. Heavy cropper. Roots long and thick, slightly tapering.

Giant Half-Sugar. Rich in sugar. Roots bronze-green above ground and grayish below; smooth and uniform.

Golden Tankard. Large roots, nearly cylindrical; flesh bright yellow.

Broccoli

SPARGELKOHL (*Ger.*) CAVOLO BROCCOLO (*Ital.*)

One ounce of seed will produce 3000 plants

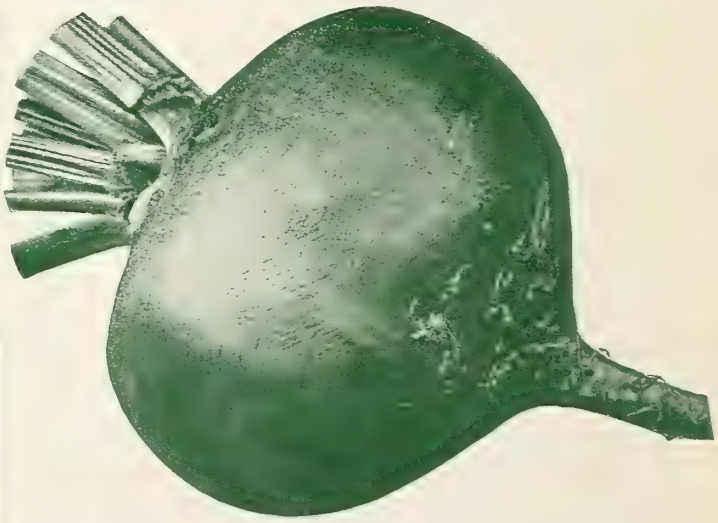
Italian Green Sprouting. Forms small heads of distinctive flavor. Pkt. 15 cts.; ½oz. 40 cts.; oz. 75 cts. Postpaid.

Brussels Sprouts

ROSENKOHL (*Ger.*) CAVOLO DI BRUXELLES (*Ital.*)

One ounce of seed will produce 2500 plants

Long Island Improved. Considered the best strain for the home grower. Pkt. 10 cts.; ½oz. 20 cts.; oz. 35 cts.; ¼lb. $1.10. Postpaid.



Early Wonder Beet

Cabbage

KOPF KOHL (*Ger.*) CAVOLO (*Ital.*)

One ounce of seed will produce about 3000 plants

Cabbage requires a fairly rich, well-drained garden soil, a high nitrogenous fertilizer applied as necessary, and good clean cultivation at all times. For an early crop, sow seeds in late February in greenhouse or hotbed, later transplant to coldframe for hardening, then to the garden in early April. For later crops, sow seeds in April to May, in outdoor seed-beds, and transplant to garden to stand from 1½ to 2 feet in rows 2½ feet apart.

Note individual prices

Early and Second-Early Sorts

Golden Acre. 105 days. The earliest of all Cabbages. Matures hard, round heads, uniform in size, with few outer leaves, in 80 days from sowing. Pkt. 10 cts.; ½oz. 30 cts.; oz. 50 cts.; ¼lb. $1.50. Postpaid.

Improved Copenhagen Market. 110 days. This improved new strain typifies the true characteristics and merits of Copenhagen Market. The solid heads begin to form about a week later than Golden Acre, but not all at one time, and are about 20 per cent larger and heavier. Matures about one week before Enkhuizen Glory. Pkt. 10 cts.; ½oz. 20 cts.; oz. 35 cts.; ¼lb. $1.10. Postpaid.

Enkhuizen Glory. 115 days. The solid, globe-shaped heads are unsurpassed for size, crispness, and uniformity. Adaptable to many soil conditions, it is one of the best all-round Cabbages for market or home-garden. Pkt. 10 cts.; ½oz. 25 cts.; oz. 40 cts.; ¼lb. $1.10. Postpaid.

Extra-Early Jersey Wakefield. 100 days. One of the very earliest, pointed-head varieties. Firm, solid, and crisp, with few outside leaves. Pkt. 10 cts.; ½oz. 20 cts.; oz. 35 cts.; ¼lb. $1.25. Postpaid.

Large Charleston Wakefield. 110 days. A selection from the preceding, it matures about 10 days later. The heads are considerably larger, oblong, and pointed. Pkt. 10 cts.; ½oz. 20 cts.; oz. 35 cts.; ¼lb. $1.00. Postpaid.

Early Allhead. 120 days. Distinguished by its large, solid, flat heads, this variety is recommended to home gardeners where only one planting of Cabbage is made. Pkt. 10 cts.; ½oz. 20 cts.; oz. 35 cts.; ¼lb. $1.00. Postpaid.

All Seasons or **Succession.** 130 days. Slightly later than Early Allhead, the heads are larger and thicker. An excellent all-purpose Cabbage. Pkt. 10 cts.; ½oz. 20 cts.; oz. 35 cts.; ¼lb. $1.00. Postpaid.

Stein's Dwarf Flat Dutch. 135 days. Large, solid, flat heads with short stems. Matures much earlier than Late Flat Dutch. Pkt. 10 cts.; ½oz. 20 cts.; oz. 35 cts.; ¼lb. $1.00. Postpaid.

Improved Copenhagen Market Cabbage

Main-Crop and Late Cabbages

Penn State Ballhead. 135 days. Perhaps the heaviest-yielding Cabbage on the market. Heads remarkably large and solid. Pkt. 10 cts.; ½oz. 30 cts.; oz. 50 cts.; ¼lb. $1.50. Postpaid.

Large Late Flat Dutch. 140 days. Heads are heavy, broad, and flat. An excellent winter keeper. Pkt. 10 cts.; ½oz. 20 cts.; oz. 35 cts.; ¼lb. $1.00. Postpaid.

Short-Stem Danish Ballhead. 135 days. Dwarf grower. A big producer of large, heavy heads. Pkt. 10 cts.; ½oz. 20 cts.; oz. 35 cts.; ¼lb. $1.00. Postpaid.

Wisconsin Yellows-Resistant Hollander. 135 days. An excellent late sort for kraut and winter storage. Similar to Danish Ballhead in appearance. Pkt. 10 cts.; ½oz. 20 cts.; oz. 35 cts.; ¼lb. $1.00. Postpaid.

Savoy and Red Cabbages

Perfection Drumhead Savoy. 130 days. The best of all late Savoy-leaved Cabbage. Large, solid heads whose flavor is improved by frost. Pkt. 10 cts.; ½oz. 20 cts.; oz. 35 cts.; ¼lb. $1.00. Postpaid.

Mammoth Rock Red. 130 days. A select strain of the largest-heading Red Cabbage. Pkt. 10 cts.; ½oz. 25 cts.; oz. 40 cts.; ¼lb. $1.25. Postpaid.

Chinese or Celery Cabbages

Chihili. 105 days. Earliest of the Chinese Cabbages. Heads are crisp, upright, and torpedo-shaped, measuring 15 to 18 inches long. Pkt. 10 cts.; ½oz. 25 cts.; oz. 40 cts.; ¼lb. $1.25. Postpaid.

Wong Bok. 110 days. A compact, short, and broad-growing head of good flavor. Pkt. 10 cts.; ½oz. 25 cts.; oz. 40 cts ; ¼lb. $1.25. Postpaid.

Carrots

GELBE RUBE (*Ger.*) CAROTA (*Ital.*)

One ounce of seed will plant 100 feet of row

Sow from early spring to the end of June, in rows ¼ inch deep and from 16 to 18 inches apart. To obtain a good crop, cultivate frequently. After the plants are established, thin out to stand 3 to 4 inches in the rows. Rarely subject to disease or insect pests. Best results are obtained in a well-worked, deep soil that has been thoroughly fertilized the previous season.

Pkt. 10 cts.; oz. 20 cts.; ¼lb. 60 cts.

Improved Chantenay. 68 days. A quick-growing popular variety with broad-shouldered roots tapering slightly to an abrupt point. Flesh deep orange, of fine quality. A good winter keeper.

Morse's Bunching. 70 days. Tops short, bushy and strong. Roots at maturity are almost cylindrical, with round shoulder, and measure 1¼ to 1½ inches in diameter and 8 inches long. Very smooth and fine deep orange in color. The core is small and indistinct.

Danvers Half-Long. 76 days. A grand old favorite and a great yielder; its roots, 5 to 6 inches long, are nearly cylindrical and deep orange in color.

Red-cored Chantenay. 72 days. A new strain of the well-known Chantenay, with tops somewhat smaller. The roots are heavy shouldered, tapering down to a pronounced stump. The flesh is fine grained, sweet and tender, and the small core is hard to distinguish.

Nantes. 70 days. An almost coreless Carrot that adapts itself to forcing or garden culture. Its roots, 6 to 7 inches long, are cylindrical and blunt-ended with reddish orange flesh.

Oxheart or **Guerande.** 75 days. Thick and blunt-rooted, with a fine flavor. Roots 5 inches long and 3 to 4 inches in diameter.

Early Short Horn (French Forcing). 63 days. Used largely for early and late outdoor sowings and for forcing under glass. Crisp reddish orange roots about 3 inches long and 1½ inches in diameter.

Improved Long Orange. 85 days. Very long-pointed roots of good quality. A heavy yielder. Useful for stock-feeding as well as for the table.

Cauliflower

Blumen Kohl (*Ger.*) Cavol Fiore (*Ital.*)

One ounce of seed will produce 3000 plants

Like cabbage, and responds to about the same cultural directions. When heads begin to form, gather the leaves loosely together over the top to shut off the light, thus assuring you pure white curds when ready to harvest.

Note individual prices

Super Snowball. 96 days. An extremely early strain, producing large, snow-white heads of the finest texture evenly throughout the crop. Recommended for forcing or outdoor planting. Pkt. 25 cts.; ¼oz. $1.00; ½oz. $1.50; oz. $3.00. Postpaid.

Selected Snowball. 98 days. Early, compact strain, maturing shortly after Super Snowball. Heavy cropper of solid, compact white heads that remain in excellent condition for a long time. Pkt. 25 cts.; ¼oz. 75 cts.; ½oz. $1.25; oz. $2.50. Postpaid.

Danish Giant or **Dry Weather.** 105 days. Not quite as early as the Snowballs, it nevertheless produces a perfect white head. Withstands dry weather better than any other sort. Pkt. 25 cts.; ¼oz. 75 cts.; ½oz. $1.25; oz. $2.50. Postpaid.

Veitch's Autumn Giant. 118 days. A late-maturing variety with large heads. Pkt. 15 cts.; ¼oz. 35 cts.; ½oz. 50 cts.; oz. $1.00. Postpaid.

Celery

Sellerie (*Ger.*) Sedano (*Ital.*)

One ounce of seed will produce 3000 plants

The soil for your seed-flat or hotbed should be fine, well worked, and loose. Cover the seed with about ⅛ inch of soil, well mixed with sand to prevent caking. While your starting temperature may be fairly low, constant and abundant moisture are essential for the germination of Celery. When the seedlings show from 3 to 4 leaves, transplant into flats or frame to stand about 3 inches apart; transplant to open ground when plants are about 75 days old. The number of days for maturity refer to days from sowing to edible stage.

For early crop, sow around the middle of March. For late or winter keepers, sow in coldframe or outdoor seed-bed during May.

Note individual prices

The Early Sorts

Florida Golden. 120 days. 20 to 22 inches tall, the hearts are full and compact and blanch to a rich creamy color; crisp and of fine quality. Pkt. 15 cts.; ½oz. 45 cts.; oz. 85 cts.; ¼lb. $2.25. Ppd.

Golden Plume or **Wonderful.** 115 days. Large and early, with heavy, brittle stalks and golden yellow hearts. Particularly resistant to Celery blight. Pkt. 10 cts.; ½oz. 40 cts.; oz. 70 cts.; ¼lb. $1.50. Postpaid.

White Plume. 112 days. A handsome, tall-growing extra-early sort. Hearts become white without any blanching. Pkt. 10 cts.; ½oz. 25 cts.; oz. 40 cts.; ¼lb. $1.00. Postpaid.

Easy Blanching. 125 days. Of upright habit with thick brittle stalks and heavy hearts. Suitable for both early use and winter keeping. Pkt. 10 cts.; ½oz. 25 cts.; oz. 40 cts.; ¼lb. $1.00. Ppd.

Golden Self-blanching. 120 days. (American-grown seed.) Dwarf, compact, early variety with solid golden yellow hearts of nutty flavor. Pkt. 10 cts.; ½oz. 40 cts.; oz. 70 cts.; ¼lb. $1.50. Postpaid.

Celery

The Winter Keepers

Emperor. 130 days. A dwarf green Celery for winter use. Blanches white with a yellow-tinted heart. Meaty and brittle. Pkt. 10 cts.; ½oz. 25 cts.; oz. 40 cts.; ¼lb. $1.00. Postpaid.

Giant Pascal. 135 days. About 2 feet high, with broad, thick stalks which blanch quickly and are nutty in flavor, tender and crisp. Pkt. 10 cts.; ½oz. 30 cts.; oz. 50 cts.; ¼lb. $1.25. Postpaid.

Winter Queen. 120 days. Strong and robust in growth, with perfectly solid, numerous hearts. A fine winter keeper. Pkt. 10 cts.; ½oz. 25 cts.; oz. 40 cts.; ¼lb. $1.00. Postpaid.

London Red. 125 days. A splendid red variety, compact and sturdy in growth. The unique flavor of London Red is distinct from other Celery. Pkt. 15 cts.; ½oz. 60 cts.; oz. $1.00. Postpaid.

Celeriac

Prague Giant. Grown for its large, fleshy roots which have a rare flavor. Prepared either as a salad or boiled and served with cream sauce. Pkt. 10 cts.; ½oz. 25 cts.; oz. 40 cts.; ¼lb. $1.00. Postpaid.

Table Greens

Chicory

Cichorienwurzel (*Ger.*) Cicoria (*Ital.*)

One ounce of seed will plant 100 feet of row

Pkt. 10 cts.; oz. 20 cts.; ¼lb. 60 cts.

Witloof or **French Endive.** The blanched heads are delicious as salads.

Large-rooted Magdeburg. This variety is cultivated for the roots, which can be boiled and served like salsify.

Cress

Kresse (*Ger.*) Crescoine (*Ital.*)

Extra-Curled or **Pepper Grass.** Of pleasant pungent flavor; the leaves can be cut several times. Pepper Grass should be sown thickly in shallow drills in early spring, and at intervals for continued supply. Pkt. 10 cts.; oz. 15 cts.; ¼lb. 35 cts. Postpaid.

Water Cress. Small, oval leaves, very tender, crisp and pleasantly spicy when young. Plants of dwarf, spreading habit. A perennial aquatic, which grows well along running streams. Pkt. 15 cts.; ½oz. 40 cts.; oz. 75 cts. Postpaid.

Collards

Blatter Kohl (*Ger.*) Cavolo (*Ital.*)

One ounce of seed will produce 3000 plants

Georgia. Cultivate same as cabbage, of which it is really a tall, loose-leaved form. Grows 3 feet high, forming a cluster of undulated leaves at the top of its long stem. Pkt. 10 cts.; oz. 20 cts.; ¼lb. 60 cts. Postpaid.

Corn Salad

Stech Salat (*Ger.*) Dolcetta (*Ital.*)

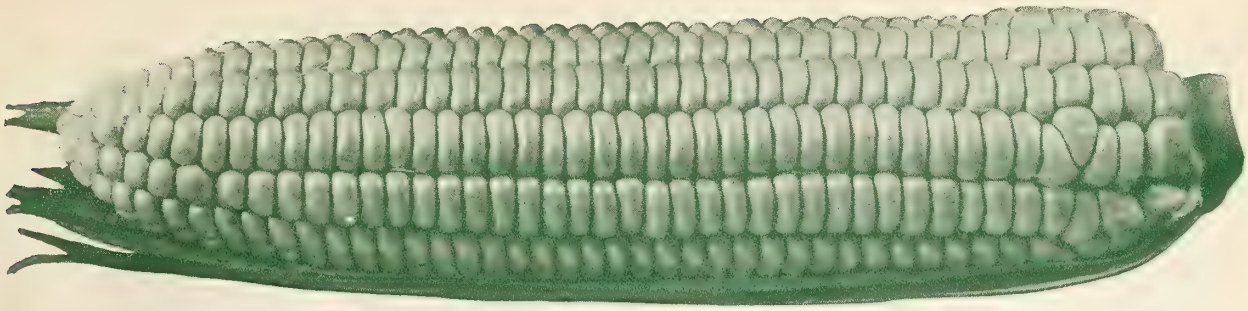
One ounce of seed will plant 100 feet of row

Broad-leaved. Sow the seed thickly in shallow drills during September. Pkt. 10 cts.; oz. 20 cts.; ¼lb. 60 cts. Postpaid.

Dandelion

Lowenzahn (*Ger.*) Dente di Leone (*Ital.*)

Improved French Thick-leaved. An early spring salad. Sow early in spring in drills 12 inches apart and thin out to 6 inches in the row. Pkt. 15 cts.; ½oz. 40 cts.; oz. 75 cts.; ¼lb. $2.25. Postpaid.



Golden Cross Bantam Corn

Sugar Corn

MAIZ (*Ger.*) GRANO TURCO (*Ital.*)

One pound of seed will plant 200 feet of row

A rich, deeply cultivated soil, warm weather, and a moderate amount of moisture are ideal conditions for Sweet Corn. Sow around the middle of May, in rows 2 inches deep and 30 inches apart. Drop seed every 6 inches. When plants are about 6 inches high, thin out to stand 1 foot apart. To aid pollination, sow in 2 or more short rows, rather than in one long row. For a continuous table supply sow in 2-week intervals up to July 4.

Pkt. 10 cts.; pt. 30 cts.; qt. 50 cts.; 2 qts. 90 cts.; 4 qts. $1.60

Note Golden Cross Bantam individual price

The Choicest Yellow Varieties

Golden Bantam. 78 days. The standard of quality for all Sweet Corns. The stalks are dwarf and the ears 5 to 6 inches long, with 8 rows of yellow grains.

Beckert's Golden Evergreen. 88 days. Being the result of a cross between Golden Bantam and Stowell's Evergreen, it retains the buttery flavor of the Golden Bantam but produces an ear 7 to 8 inches long with 12 to 14 rows of sweet golden kernels.

Whipple's Golden Yellow. 83 days. Fine quality and excellent flavor. Ears 7 to 8 inches long with 12 to 14 rows of grains.

Barden's Wonder Bantam. 82 days. An early yellow Corn growing 5 to 6 feet in height with ears 8 to 10 inches long, filled with 8 rows of rich golden yellow kernels.

Golden Giant. 90 days. A midseason variety of excellent quality. The ears are 8 inches long with 16 to 18 well-filled rows.

Golden Sunshine. 76 days. Ears 6 to 7 inches long, with 12 rows of sweet kernels.

Burbank's Bantam. 84 days. Ears 7 to 8 inches long with 14 to 16 rows of delicious golden grains.

Golden Cross Bantam. 84 days. A true hybrid produced by the Purdue University Agricultural Station. Exceptionally uniform in plant and ear. Being a hybrid, a noticeable increase in yield will be observed. Ears are 7½ to 8 inches long, with 10 to 14 rows of kernels. Pkt. 15 cts.; pt. 40 cts.; qt. 75 cts.; 2 qts. $1.40.

The Early White Sorts

Early Mayflower. 76 days. One of the sweetest of the early white varieties. The ears average 6 to 7 inches in length and the kernels are clear white and tender.

Howling Mob. 85 days. A well-known second-early. The large ears are 7 to 9 inches long with 12 to 14 rows of kernels. A fine Corn for every purpose.

The Late White Varieties

White Evergreen. 95 days. The finest strain of Stowell's Evergreen in cultivation. Very productive; ears exceedingly uniform, 8 inches long and 16-rowed; kernels a trifle broader and whiter than those of Stowell's. Quality is extra-fine.

Country Gentleman. 93 days. The well-known "shoe-peg" Corn, noted for its superb quality. Good-sized ears densely filled with long, narrow kernels, which are irregularly placed on the small cob.

Stowell's Evergreen. 95 days. The standard late Sweet Corn, holding well in prime condition at eating stage; stalks tall and sturdy. Very large ears with deep kernels, sweet and tender.

Late Mammoth. 105 days. A late variety with exceptionally large ears from 10 to 12 inches long; kernels snowy white, plump, sweet and tender. Stalks heavy leaved.

Black Mexican. 92 days. A second-early Sweet Corn with bluish black grains when ripe. In the eating stage, before the kernels begin to show any color, it is of superlative quality. Ears 7 to 8 inches long.

Pop-Corn, White Rice. A very productive variety of excellent quality. The pearly white kernels pop out crisp and delicious.

Cucumbers

GURKE (*Ger.*) CETRIOLA (*Ital.*)

FOR SALADS—SLICING—PICKLES

One ounce of seed will plant 50 hills; 2 pounds an acre

Delay planting until all danger of frost is past. A fairly rich, loose soil and sufficient moisture will be found to be ideal. Plant seeds in hills 3 to 4 feet apart, 6 to 8 seeds to a hill. Cover seeds with ½ inch of soil. As soon as seedlings appear, spray or dust, preferably with a good combination fungicide and insecticide to combat Cucumber beetle and blight. When plants are about 5 inches high, thin out to stand 3 to a hill.

Pkt. 10 cts.; oz. 25 cts.; ¼lb. 60 cts.

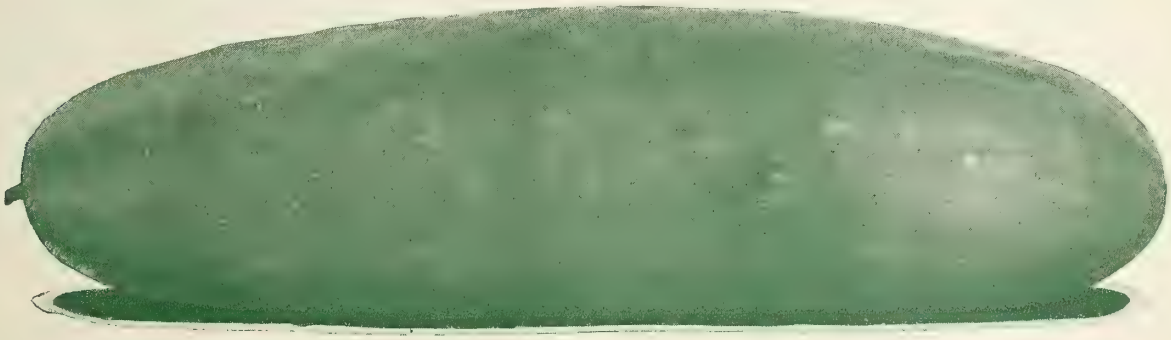
Arlington or **Improved White Spine.** 68 days. Very early, producing bright green fruits 7 inches long.

Clark's Special. 63 days. An excellent variety for shipping and market gardeners. Fruits are dark green, slightly tapered at both ends, with crisp, firm flesh.

Davis Perfect. 65 days. Fruits long and slim, tapering at both ends glossy green in color. Very early and a good forcer.

Earliest of All. 60 days. The earliest and most prolific white-spine variety. Fruits grow 7 inches long, with blunt ends; color dark green.

Extra-Long or **Evergreen White Spine.** 65 days. A good home- or market-garden variety. Fruits 10 to 12 inches long and 2½ inches thick.



Improved Long Green Cucumber. See page 34

Cucumbers, continued

Fordhook Famous. 60 days. The largest of the white spines—14 inches long, dark green in color.

Henderson's White Spine. 60 days. A heavy-bearing main-crop sort. Fruits 8 inches long, thick, and square-ended.

Improved Long Green. 70 days. A black-spine variety, excellent for slicing. Fruits 12 inches long, deep green.

Longfellow. 72 days. A remarkably fine variety producing long, slender, dark green Cucumbers that are at their best when 10 inches long. A good shipper.

Japanese Climbing. 60 days. Fruits almost straight, from 12 to 16 inches long; skin dark green; flesh thick. A useful variety as it can be trained on walls or trellises.

Pickling Varieties

National Pickling. 55 days. A highly desirable pickling strain developed at the Michigan Agricultural College. Fruits weigh 1½ pounds, are dark green, with strictly square ends.

Snow's Perfection. 56 days. The best-formed and most productive pickling sort. Early. Small, square-ended and dark green.

Everbearing. 58 days. One of the best producers. If picked regularly, vines will bear a long time.

Jersey Pickling. 63 days. Wonderfully productive. Small, deep green, uniform in size.

West India Gherkin. 60 days. Small, rough, prickly fruits, used for pickling.

English Forcing Cucumbers

These varieties are grown in hotbeds or houses where the temperature does not fall below 65 degrees at night. The handsome fruits frequently grow 20 to 30 inches long.

Improved Telegraph. Pkt. (10 seeds) 25 cts.; 100 seeds $2.25. Ppd.

Lockie's Perfection. Pkt. (10 seeds) 25 cts.; 100 seeds $2.25. Ppd.

Endive for Salads

ENDIVIE (*Ger.*) INDIVIA (*Ital.*)

One ounce of seed will sow 200 feet of row

Satisfying and wholesome for fall and winter salads. Sow in April for early, and in June and July for late crop. Thin out or transplant to stand 12 to 14 inches apart. When full grown, tie outside leaves over heart of plant to bleach; flavor is improved by frost.

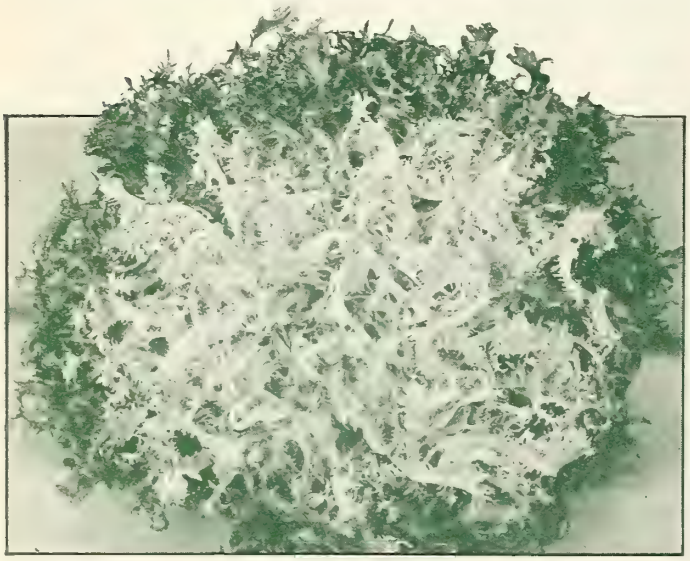
Pkt. 10 cts.; oz. 20 cts.; ¼lb. 60 cts.

Large Green Curled (Green Ribbed). 92 days. A great favorite. The nicely curled leaves are crisp and tender when blanched; somewhat earlier than other sorts.

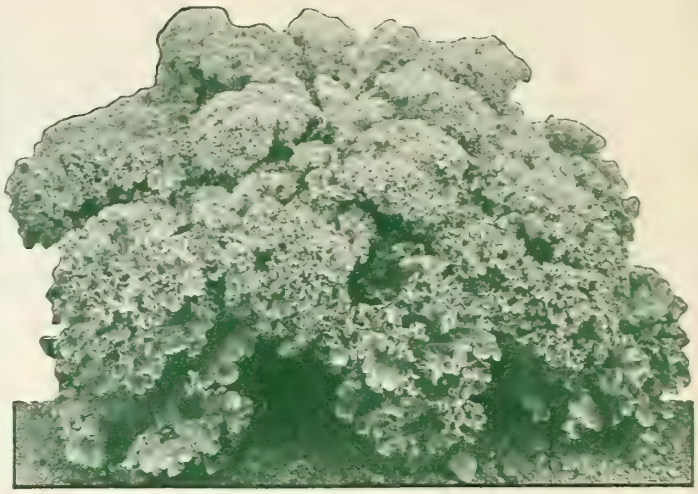
Pancalier (Pink Ribbed). 95 days. A strong grower with heavy, curled deep green leaves that blanch easily.

Giant Fringed (Pink Ribbed). 90 days. A strong-growing variety with broad stems and large white hearts.

Broad-leaved Batavian Fullheart (Escarolle). 90 days. The broad, thick leaves make excellent salads when blanched.



Green Curled Endive



Dwarf Green Curled Kale

Eggplant

EIRPFLANZE (*Ger.*) PETONCIANO (*Ital.*)

One ounce of seed will produce 1000 plants

Of semi-tropical origin, the slow-germinating seeds should be started in flats or hotbeds. Transplant to open ground when weather has become warm and settled. To avoid excessive wilting, shade the plants for a few days.

Pkt. 10 cts.; ½oz. 40 cts.; oz. 75 cts.; ¼lb. $2.00

Black Beauty. 145 days. Fruit broad and thick, lustrous purplish black, of excellent quality. Very productive.

New York Improved Spineless. 150 days. Fruits deep purple, large, smooth, free from thorns.

Horseradish Roots

Maliner Kren. An improved variety that is free from disease, grows quickly, and produces roots of enormous size. Doz. 50 cts.; 100, $2.25; 1000, $15.00. Postpaid.

Kale or Borecole

KRAUS KOHL (*Ger.*) CAVOLO RICCIO (*Ital.*)

One ounce of seed will sow 200 feet of row

Excellent hardy greens. For use in fall, sow in May; for early spring use, sow in August and protect over winter.

Pkt. 10 cts.; oz. 20 cts.; ¼lb. 45 cts.

Dwarf Blue Curled Scotch. 55 days. Hardy and compact, with plume-like leaves of an outstanding bluish green color, fine flavor.

Dwarf Green Curled Scotch. 55 days. Leaves bright green, tender, and very curled.

Dwarf Blue Siberian Curled. 65 days. This type is considerably more curled than Green Siberian and is of a darker bluish green cast.

Dwarf Green Siberian. 65 days. Very hardy. Generally sown broadcast or can be sown in drills in August to stand 1 foot apart. Leaves scalloped along edges.

Kohlrabi · Turnip-Rooted Cabbage

KOHL-RABI (*Ger.*) CAVOLA-RAPPA (*Ital.*)

One ounce of seed will plant 250 feet of row

For early crop, sow in April and May, in rows 18 inches apart. Transplant to stand 4 to 6 inches. For late crop, sow in July and early August.

Pkt. 10 cts.; ½oz. 20 cts.; oz. 35 cts.; ¼lb. $1.00

Early Purple Vienna. Bluish purple roots; flesh white and tender.

Extra-Early White Vienna. Very early variety with delicately flavored white flesh. Also a good forcing strain.

Leeks

LAUCH (*Ger.*) PORRO (*Ital.*)

One ounce of seed will sow 100 feet of row

The white stalks, boiled and served with a good dressing, make a delicious salad. Sow in rows 12 to 15 inches apart in early spring. Thin out to stand 4 to 6 inches apart in the rows.

Pkt. 10 cts.; ½oz. 20 cts.; oz. 35 cts.; ¼lb. $1.00

American Flag. Extensively cultivated. Stalks early and large.

Large Carentan. Stalks thick, short, and mild-flavored. Hardy.

Lettuce

GARTEN SALAT (*Ger.*) LATTUGA (*Ital.*)

One ounce of seed will sow 150 feet of row

A rich soil, an abundance of moisture for a steady and uninterrupted growth, are of prime importance to raise good Lettuce. Sow Loose-leaf and Early Butterhead varieties in rows ½ inch deep and 16 inches apart. Around the middle of April, thin out or transplant to suit. Repeat with same variety the first week in May. Then follow up with Butter and Crisphead varieties. Full maturity basis of comparison in days.

Pkt. 10 cts.; oz. 20 cts.; ¼lb. 70 cts.

Loose-Leaf Varieties

Beckert's Golden Curled. The best Lettuce in its class for spring and early summer crops. It grows rapidly and forms immense, loose heads of tender curled leaves.
Black-seeded Simpson. A rapid grower with fringed and crumpled light yellowish green leaves.
Early Curled Simpson. A home-garden favorite. Produces broad, light green leaves, fringed and crumpled.
Grand Rapids Forcing. A leader in its class for forcing or extra-early outdoor gardening. Forms large, loose bunches of thin, bright green leaves, crumpled and fringed.

Crisphead Sorts

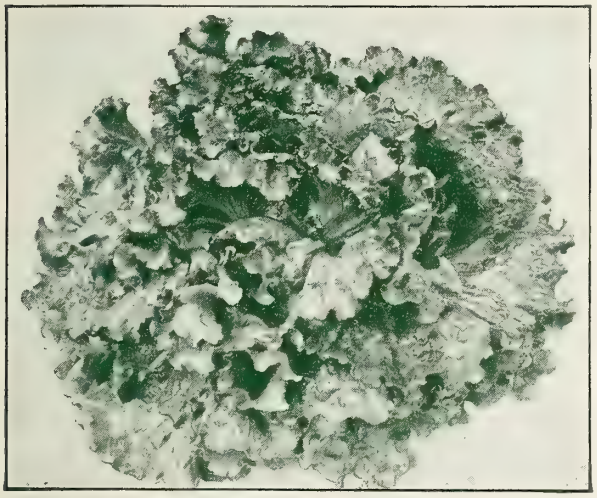
Because of their heat resistance, they are the ideal summer Lettuce.
Iceberg. 84 days. The earliest and largest header of its class; crisp and tender.
Hanson. 80 days. Reliable under all conditions. Large heads with silvery light green leaves.
New York or **Wonderful.** 80 days. Grown in enormous quantities for market. Large heads, deep green with white hearts.

Butterhead Sorts

May King. 63 days. For early outdoors or forcing. Heads of medium size, yellowish green, with rich golden heart.
White Boston. 76 days. Forms large, solid heads of light green which blanches to a buttery creamy yellow. Considered one of the best for coldframe forcing and outdoors.
All-Heart. 72 days. Not only is this variety a splendid spring Lettuce, but its resistance to heat makes it valuable as a midseason grower.
Crisp-as-Ice. 75 days. Valuable for late fall because of its frost resistance. Medium-sized, crisp, deep green heads with yellow hearts.
All Seasons. 75 days. A most reliable midsummer Butterhead. Large, crisp heads with yellow hearts.
Mammoth Black-seeded Butter. 76 days. An excellent heat-resistant midseason Lettuce. Produces enormous crisp and tender heads.

Romaine or Cos Lettuce

Also known as Celery Lettuce and Romaine Salad. Loose heads of ong, narrow leaves which are blanched by tying them together on the top.
Trianon or **Paris White Folding.** 60 days. A very heat-resistant variety of long sugar-loaf-shaped heads.



Black-seeded Simpson Lettuce

Muskmelon (Cantaloupe)

MUSCAT MELONE (*Ger.*) POPONE MELONE (*Ital.*)

One ounce of seed will plant about 50 hills

A warm, sunny location and a liberal amount of manure, spaded into hills spaced from 5 to 6 feet apart each way, insures success in the growing of melons. When danger of frost is past, place from 8 to 10 seeds on each hill and cover with ½ inch of soil. When plants are about 5 inches high, thin out to stand 3 to a hill. As in the growing of Cucumbers, dust or spray with a good combination of fungicide and insecticide as soon as plants appear.

Pkt. 10 cts.; oz. 20 cts.; ¼lb. 60 cts.

Orange-fleshed Varieties

Bender's Surprise. 94 days. Large, oval fruits 8 to 10 pounds in weight. An exceptionally good keeper.
Extra Early Osage. 87 days. Almost round, 6 to 7 inches in diameter. Flesh thick and sweet.
Emerald Gem. 85 days. Standard early variety. Sweet and spicy.
Golden Champlain. 80 days. Very early. Vigorous grower and producer, even under adverse conditions. Flesh golden, sweet.
Hearts of Gold. 94 days. A desirable midseason producer of exceptionally fine-flavored fruits.
Honey Rock. 85 days. Recently introduced. Practically round and deliciously sweet. A good keeper.

Green-fleshed Varieties

Extra-Early Knight. 85 days. Of high quality, producing medium-sized, oblong fruits with thick, fine-flavored flesh.
Honey Dew. 105 days. A good winter keeper if picked before they are fully ripened and stored in a cool place.
Rocky Ford or **Netted Gem.** 90 days. Small, round fruits of exceptionally fine flavor. An excellent keeper.

Watermelon

WASSER MELONE (*Ger.*) MELONE D'AQUA (*Ital.*)

One ounce of seed will plant about 30 hills

Pkt. 10 cts.; oz. 20 cts.; ¼lb. 50 cts.

Kleckley Sweets. 85 days. The most popular, oblong, main-crop Watermelon. Fruits are about 20 inches long and 10 inches in diameter. Flesh bright scarlet and remarkably sweet.
Early Fordhook. 83 days. The earliest of the really large Watermelons, and the best home-garden variety for this latitude.
Peerless or **Ice Cream.** 90 days. A productive all-purpose Melon. Flesh bright red, crisp, and tender.
Tom Watson. 92 days. Large, long fruits with rich red, sweet, tender flesh. A standard shipping Melon.
Red-seeded Citron. 95 days. Used for preserves.

Mustard

SENF (*Ger.*) MOSTARDA (*Ital.*)

One ounce of seed will plant 75 feet of row

The pungent leaves are boiled and served like spinach. Sow seed from early spring to midsummer, in rows ½ inch deep and 18 to 20 inches apart. Make successive sowings for a continuous supply.

Pkt. 10 cts.; oz. 15 cts.; ¼lb. 35 cts.

Giant Southern Curled. A popular sort for greens. Leaves long and wide, light green, tinged with yellow; heavily crumpled and curled at the edges.
Long-standing Thick-Leaf or **Elephant Ear.** A strong-growing variety, producing extra-large leaves of a most appetizing pungency.
Perfection Plume. Finely curled, dark green leaves of the very best quality. Rather dwarf in growth.

Choice Onion Seed

ZWIEBEL (*Ger.*) CIPOLLA (*Ital.*)

One ounce of seed will plant 100 feet of row

Sow seed in early spring, thinly in rows 12 to 16 inches apart. As soon as seedlings are 3 to 4 inches high, thin out to stand 3 to 4 inches apart in row. Frequent cultivation, as well as liberal fertilization, is essential to growing good Onions.

Pkt. 10 cts.; ½oz. 25 cts.; oz. 45 cts.; ¼lb. $1.25

Yellow Onions

Ailsa Craig. 105 days. The famous exhibition Onion of England. Its elongated, globe-shaped bulb attains enormous size.

Prizetaker. 102 days. An American strain of the Giant Spanish Onion. Rich yellow skin; mild, sweet, white flesh.

Southport Yellow Globe. 114 days. A rapid grower, producing large, showy, globular bulbs. Skin straw-yellow; flesh white and of good quality.

Yellow Globe Danvers. 112 days. The most widely grown sort. Handsome globe shaped bulbs with thin yellow skin and mild, fine-grained flesh.

Yellow Sweet Spanish. 114 days. An increasingly popular variety of Spanish origin, with large globular bulbs. Flesh white and very mild.

Red Onion

Southport Red Globe. 114 days. The finest of the Red Onions. Bulbs perfectly round, of good size, with deep purplish red skin; flesh white tinged pink.

White Onions

Southport White Globe. 110 days. Handsome, large, solid Onion of perfect globe shape; flesh fine grained, white and mild.

White Portugal or **Silverskin.** 100 days. An all-purpose variety, excellent for sets, pickling, or green bunching; also good for storing. Matures about 75 days after sowing. The bulbs are of medium size and flat in shape.

White Sweet Spanish. 110 days. Similar to the original Yellow Sweet Spanish. Produces very large white-fleshed and mild-flavored globes. Spring-sown seed will produce bulbs weighing a pound.

White Bunch. A rapid grower with long white stems; used almost exclusively for green bunching. Remains mild and tender for a long time.

Onion Sets

EXTRA-SELECTED STOCK

(Prices variable)

One quart will plant 50 feet of row

For those tender and mild green Onions in the home-garden, plant Sets at intervals in early spring. Plant them thick in the rows and cover the Sets about 1 inch.

White. Qt. 20 cts.; 2 qts. 35 cts.
Yellow. Qt. 15 cts.; 2 qts. 25 cts.

Okra or Gumbo

OCHER (*Ger.*) OCRA (*Ital.*)

Grown for the highly flavored pods which are used, when 3 or 4 inches long, for flavoring soups and stews. Sow the middle of May in rows 3 feet apart; thin plants to stand 1 foot apart in the rows.

Pkt. 10 cts.; oz. 15 cts.; ¼lb. 35 cts.

Long Green-Pod. Strong-growing and productive. Pods deep green.
White Velvet or **Creole.** Long, smooth, tender pods, almost white.

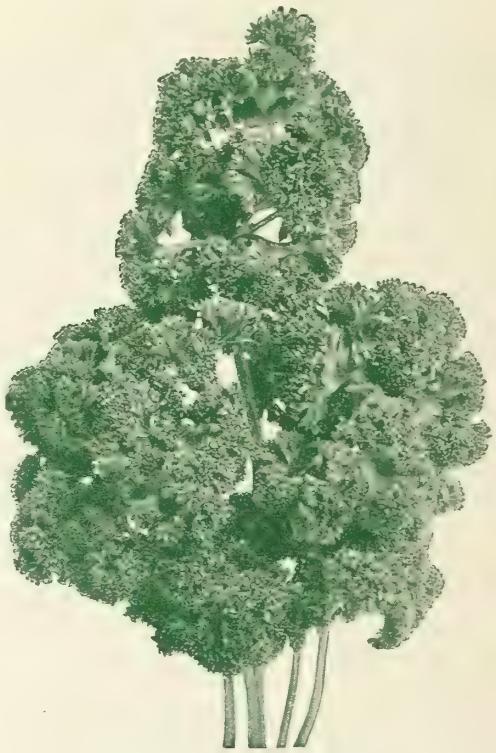
Parsnips

PASTINAKE (*Ger.*) PASTINACI (*Ital.*)

One ounce of seed will plant 150 feet of row

Parsnips require a reasonably loose, rich soil and an abundance of moisture, particularly during the germination period. Sow in early spring in rows 18 inches apart and thin out seedlings to stand about 5 inches apart in rows. The flavor of the roots is improved by frost.

Long Smooth Hollow-Crown. Always good and in demand. Smooth, creamy white roots, broad shouldered, 10 to 12 inches long, tender and sweet. Pkt. 10 cts.; oz. 15 cts.; ¼lb. 35 cts.



Dwarf Extra Curled Parsley

Parsley

PETERSILIE (*Ger.*) PREZZEMOLO (*Ital.*)

One ounce of seed will plant 150 feet of row

Parsley is very slow to germinate and should be sown as early in the spring as possible. Sow in rows 15 inches apart. Later thin out the plants to stand 4 inches apart in rows. Constant cutting will improve the appearance of the leaves of the curled varieties.

Pkt. 10 cts.; oz. 15 cts.; ¼lb. 40 cts.

Champion Moss Curled. Leaves dark green, finely cut, and closely curled.

Dwarf Extra Curled. Dwarf, finely curled leaves; much used for garnishing.

Plain-leaved. Flat, dark green leaves, deeply cut but not curled.

Hamburg, Short-rooted. Grown for its elongated turnip-shaped roots which are used in soups and stews.

Hamburg, Long-rooted. Roots long and slender. Matures late and grows to large size.

Gradus Peas

Peas

ERBSEN (*Ger.*) PISELLO (*Ital.*)

One quart of seed will plant 100 feet of row

Peas being a cool-weather crop and not being injured by light frosts, should be sown in very early spring, or as soon as the ground can be worked. By sowing different varieties at the same time, a succession of pickings may be had that will extend well over 5 weeks; or, if the grower be partial to any one certain variety, successive plantings of this variety at 10-day intervals will produce the same results. Rows should be about 22 inches apart for the dwarf varieties and 30 inches apart for the tall ones. Cover seeds with about 2 inches of soil. Varieties that make vines over 2 feet high should be supported by brush or trellis. Maturity dates and heights may vary slightly, depending upon weather and soil-conditions.

Pkt. 10 cts.; pt. 35 cts.; qt. 65 cts.; 2 qts. $1.20; 4 qts. $2.25

Early Wrinkled Peas

Laxtonian. 62 days. Vines 18 inches. The largest podded of the early dwarf varieties. The broad pods are 4 inches long, filled with large Peas of superb quality.

Little Marvel. 62 days. Vines 18 inches. A splendid dwarf early Pea bearing large pods 3½ inches long filled with sweet, dark green Peas.

World's Record. 61 days. Vines 28 inches. The earliest strain of the well-known Gradus or Prosperity Peas. Pods 3½ inches long and contain 7 to 9 plump Peas of superb quality.

Gradus or **Extra-Early Telephone.** 65 days. Vines 36 inches. An early, dependable, productive variety of delicious flavor. Pods about 4 inches long and well filled.

President Wilson. 65 days. Vines 20 inches. A splendid, half-dwarf, second-early which requires no support. Pods are dark green, 4½ to 5 inches long, and contain about 8 large Peas of unsurpassed flavor.

Sutton's Excelsior. 63 days. Vines 20 inches. Fine dwarf Pea following immediately after Laxtonian and a trifle more vigorous in growth. Pods are 3½ inches long and contain 7 to 8 bright green Peas.

Thomas Laxton. 63 days. Vines 36 inches. A genuine quality Pea. Especially recommended for home-gardens.

Early Wrinkled Peas, continued

Blue Bantam. 64 days. Vines 15 to 18 inches. One of the best large-podded dwarf sorts bearing well-filled pods of 7 or 8 succulent Peas.

Main-Crop or Late Varieties

Improved Telephone. 74 days. Vines 54 inches. Standard mid-season variety of the highest quality. Well filled with pods containing 8 to 10 Peas of the finest flavor.

Potlatch. 75 days. Vines 24 inches. A fine, dwarf, large-podded Pea. Vines strong and vigorous. Pods 5 inches long and very broad, containing 8 to 10 large Peas of unexcelled quality.

Alderman. 75 days. Vines 42 to 60 inches. The best of the tall, late sorts for home and market garden. A heavy bearer of plump, straight pods containing 8 to 10 Peas of large size and unexcelled flavor.

Mammoth-podded Sugar. 75 days. Vines 60 inches. A tall-growing, edible-podded variety in which the entire pod is cooked the same way as snap beans.

White Marrowfat. 82 days. Vines 60 inches. Very productive, late variety for the home-garden. Suitable for dry use and grown principally for that purpose.

Extra-Early Smooth-seeded Peas

First and Best. 60 days. Vines 30 inches. An extra-early, productive variety. Grows 30 inches high and bears short, well-filled pods.

Alaska. 60 days. Vines 32 inches. A select strain for early market and canning. Bears a large crop of small but well-filled pods which are usually gathered at one picking.

Pepper

PFEFFER (*Ger.*) PEPERONE (*Ital.*)

One ounce of seed will produce about 1000 plants

Sow the middle of March, in flats or hotbeds, and transplant when 2 inches high, after which ventilate to accustom plants to outside conditions. Plant outside when all danger of frost is past, in rows 2½ feet apart, spacing plants 2 feet in the rows.

Pkt. 10 cts.; ½oz. 35 cts.; oz. 60 cts.

Chinese Giant. 150 days. A real giant of the Pepper family, with thick, fleshy fruits, bright red in color and very mild and sweet in flavor.

Harris Early Giant. 143 days. Large and early fruits 5 inches high and 3½ inches through, deep green, turning to red, sweet and pleasant.

Ruby Giant or **Worldbeater.** 145 days. A symmetrical, four-lobed Pepper, 4 to 5 inches long, and slightly tapered. Heavy producer of fruits with thick, mild flesh. Deep green when young and bright red when ripe.

California Wonder. 148 days. This Pepper combines the fine qualities of the Pimiento and the size of Crimson Giant, with a thickness of flesh heretofore unknown in any Pepper. The plants are very productive and the fruits crisp and sweet.

For other varieties of Pepper see page 38

Crimson Giant Pepper. See page 38

Peppers, continued

Crimson Giant. 150 days. Said to have been developed from a cross between Chinese Giant and Bull Nose. Early and, like Bull Nose, very prolific; deep green, ripening to bright crimson.

Crimson Beauty Pimiento. 145 days. The sweetest of all Sweet Peppers, without any trace of pungency. The fruits are of good size, heart-shaped, and smooth.

Early Neapolitan. 140 days. The earliest of the large-fruited sorts, and a heavy producer of three-lobed, mild, sweet fruits.

Ruby King. 140 days. Following closely after Neapolitan, Ruby King produces a fine crop of large Sweet Peppers. The flesh is thick, sweet and mild.

Bull Nose or **Large Bell.** 132 days. A widely grown, standard variety for market. Extremely prolific. Fruits of good size, very thick and blocky; flesh usually sweet, but becomes very hot in dry seasons.

Anaheim Giant Chili. 145 days. Seven to 9 inches in length and from 1 to 1¼ inches thick, tapering to a blunt point. Brilliant scarlet. This Pepper is pungent, although not quite as hot as Long Red Cayenne.

Oshkosh. 140 days. Large, smooth, heart-shaped fruits, deep shiny green when growing, ripening to a bright canary-yellow.

Hungarian Long Hot Banana. 135 days. Pale green, very solid, about 6 inches long and 2 inches thick, turning waxy yellow and finally red when ripe. Grown by all large market growers especially for the Italian trade.

Long Red Cayenne. 140 days. Pods 4 to 6 inches long, bright red and very hot. Prolific.

Small Red Chili. 152 days. Pods 2 inches long, conical, scarlet, very pungent.

Red Squash. 155 days. Prolific. Small, round, thick-fleshed, sweet pods.

Seed Potatoes PURE STRAIN

KARTOFFEL (*Ger.*) PATATA (*Ital.*)

IRISH COBBLER **EARLY OHIO**
RUSSET **GREEN MOUNTAIN** } **Prices on request**

Winter Luxury Pumpkin

Pumpkin

GROSSE KURBIS (*Ger.*) ZUCCA (*Ital.*)

One ounce of seed will plant 25 hills

Some of the Pumpkin varieties are so sweet, juicy, and fine-grained that they are considered indispensable for pies and sauces, while other varieties are grown principally for stock-feeding. Culture the same as recommended for melons.

Pkt. 10 cts.; oz. 20 cts.; ¼lb. 50 cts.

Small Sugar. 118 days. The favorite pie variety; 10 to 12 inches in diameter.

Winter Luxury or **Pie Squash.** 100 days. Round; golden yellow. The highest quality for home cooking.

Mammoth Golden Cushaw. 110 days. One of the large Crookneck varieties. Flesh thick, extra fine.

Large Cheese. 108 days. Large, somewhat flattened, with creamy yellow flesh.

Mammoth King. 120 days. The largest Pumpkin grown, often attaining a weight of 75 to 100 pounds. Skin golden yellow.

Connecticut Field. 95 days. The common Field Pumpkin, large y grown with corn for feeding of stock.

Early Scarlet Globe Radishes

Radishes

REDIESCHEN (*Ger.*) RAVENELLA (*Ital.*)

One ounce of seed will plant 100 feet of row

Radishes are a most important item on every gardener's seed-list. From very early April to the middle of June, sow early round, olive-shaped, early long, and summer Radishes. Make two or more sowings in the rotation as suggested. Then, omit until August when winter Radishes should be sown. Sow in rows ½ inch deep and 12 to 16 inches apart and thin plants to stand from 2 to 3 inches apart for the smaller globe and summer varieties and 4 to 6 inches apart for the larger winter Radishes.

Pkt. 10 cts.; oz. 20 cts.; ¼lb. 50 cts.

Early Round Radishes

Early Scarlet Globe. Our selected strain of Scarlet Globe is very uniform in size, producing handsome, elongated, globe-shaped roots with small tap-roots.

Sparkler. 28 days. An attractive variety, extensively used by truckers and home gardeners. The roots are nearly round, smooth, and with short tap-root; carmine-red with bottom pure white; flesh crisp and mild.

Crimson Giant. 32 days. Maturing in about the same time as Early Scarlet Globe, this Radish produces roots nearly twice the size, of perfect globe shape, with white flesh and deep red skin.

Saxa or **Rapid Red.** 24 days. The earliest of the early round Radishes, producing bright scarlet, perfect globe-shaped roots of uniform size with small tops.

Early Olive-shaped Sorts

French Breakfast. 25 days. Roots oblong, blunt, 1½ inches long; upper portion rosy scarlet, lower portion pure white, with slender white tip.

Scarlet Olive-shaped. 25 days. Early. Bright scarlet; olive-shaped. Sometimes used for forcing. The flesh is white, crisp, and tender.

Early Long Radishes

Icicle. 27 days. Conceded by all to be the best early long white Radish. The tender roots are 5 to 7 inches long, and especially mild and crisp.

Cincinnati Market. 28 days. The bright scarlet roots are slender, 6 to 7 inches long, with small tops. Flesh crisp, brittle, and of fine flavor.

Summer Radishes

Improved Chartier. 35 days. Has long been a favorite with the trucker and home gardener. The rosy scarlet roots are 7 to 8 inches long and 1 inch thick, shading to white at the tip; flesh mild and crisp.

White Strasburg. 39 days. Half-long and thick; skin and flesh white, firm, crisp, and of mild flavor.

Giant Stuttgart. 42 days. Very large, globular, pure white roots. Stands heat well.

Winter Radishes

Celestial or **White Chinese.** 60 days. Attains a length of 6 to 9 inches and a diameter of 4 to 5 inches. Skin and flesh pure white and not so pungent as other winter varieties.

Chinese Rose. 52 days. Cylindrical, rose-red roots, 5 inches long and 2 inches in diameter, with pronounced stump root. Flesh white, crisp, and mildly pungent.

Long Black Spanish. 60 days. Roots 8 to 9 inches long, 2 inches in diameter, slightly tapered; skin rough, grayish black. Flesh firm, crisp, and pungent.

Round Black Spanish. 56 days. Globular roots, 4 inches in diameter; skin rough, black. Flesh white, firm, crisp, and pungent.

Rhubarb or Pie Plant

RHABARBER (*Ger.*) RABARBARO (*Ital.*)

One ounce of seed will plant 125 feet of row

Pkt. 10 cts.; oz. 25 cts.; ¼lb. 75 cts.

Victoria. An improved variety producing extra-large, thick stalks.

Rhubarb Roots. Strong roots for early spring delivery. 10 cts. each; $1.00 per doz. Large clumps 25 cts.

Salsify · Oyster Plant

HAFERWURZEL (*Ger.*) SALSEFIA (*Ital.*)

One ounce of seed will plant 50 feet of row

Mammoth Sandwich Island. An improved variety with roots 6 to 8 inches long. Flavor distinctly oyster-like when boiled, or when fried like fritters. Dig roots in fall and store like carrots. Pkt. 10 cts.; ½oz. 20 cts.; oz. 35 cts.; ¼lb. $1.00.

Squash

KURBIS (*Ger.*) ZUCCA (*Ital.*)

One ounce of seed will plant 25 hills; 3 to 4 pounds, an acre

Sow around the middle of May, the bush or summer varieties in rows, spacing plants 3 feet apart with 4 feet between the rows and the trailing or winter varieties in well-manured hills 8 to 10 feet apart each way, leaving 3 plants to the hill. Like cucumber, spray or dust with a good fungicide and insecticide as soon as plants are up and treat surrounding soil with a soil sterilizer to rid the ground of cutworms and squash borer.

Pkt. 10 cts.; oz. 20 cts.; ¼lb. 50 cts.

Summer Sorts

This class should be used in summer or early fall as they lose their value after the shell begins to harden.

Mammoth White Bush. 55 days. An extensively used early bush type having smooth, flattened white fruits, 7 to 8 inches in diameter, with scalloped edges.

Cocozelle Bush or **Italian Marrow.** 65 days. A very prolific bearer of cylindrical fruits 12 to 15 inches long.

Zucchini Bush or **Italian Marrow.** 60 days. Short and blocky shaped, 12 inches long and 4 inches wide at base, tapering to 2½ inches at the stem. Smooth, black fruits. Color dark green with lighter green stripes.

Giant Summer Crookneck. 56 days. The largest of the Crooknecks. Plants are of bush type. Fruits 20 to 25 inches long with golden yellow, warted skin.

Golden Custard Bush. 55 days. Same shape as Mammoth White Bush, but slightly smaller and color is deep yellow.

White Vegetable Marrow. (*Trailing.*) 58 days.

Giant Straightneck. 56 days.

Winter Sorts

The Winter Squashes are excellent keepers, as their hard rind protects the thick, fine-grained flesh. Gather the fruits soon after the first light frost has killed the foliage.

Hubbard, Improved. 105 days. An extra-select strain of the standard Winter Squash. Skin dark green and nearly smooth; flesh yellow, fine-grained, dry and sweet; late keeping.

Hubbard Warted. 110 days. Dark green, hard, warty skin. The longest keeper of all the Hubbard Squashes. Flesh thick and of fine quality.

Hubbard, Golden. 100 days. Similar to the Improved Hubbard, except that the skin and flesh are bright yellow. Very dry and of excellent flavor.

New Acorn or **Table Queen.** 70 days. Excellent for pies and keeps as well as Hubbard. Fruits are 5 to 6 inches long and 4 inches in diameter with smooth, dark green skin and thick orange flesh.

Boston Marrow. 97 days.

Hubbard, Blue. 110 days.

Delicious. 102 days.

Bloomsdale Savoy Spinach

Spinach

SPINAT (*Ger.*) SPINNACCIO (*Ital.*)

One ounce of seed will plant 100 feet of row

A well-fertilized garden soil and an abundance of moisture to promote steady, unchecked growth will produce the crisp and tender Spinach so much in demand. Sow in rows or broadcast, from the end of March to the middle of May. Cover the seed ½ to ¾ inch deep. For midsummer use, sow New Zealand about the middle of May; for fall, sow from the end of August to October.

Oz. 10 cts.; ¼lb. 25 cts.; lb. 50 cts.

Beckert's Emerald. 47 days. The plants are of upright growth, with thick, dark green, crumpled leaves. Excellent for first-early and late fall sowings.

Bloomsdale Savoy, Reselected. 40 days. Excellent for early sowing. Leaves dark green, heavy, crumpled, and blistered. Will not stand quite as long as Bloomsdale Long-standing.

Bloomsdale Savoy, Long-standing. 45 days. Will stand in fine edible condition 10 to 14 days longer than the regular Bloomsdale. The leaves are heavily crumpled, deep dark green in color.

King of Denmark. 45 days. Dark green, somewhat crumpled leaves with long petioles. Fine for second-early planting, as it remains in prime condition a long time.

Juliana. 48 days. The best second-early to sow, as it stands the warm weather better than Bloomsdale before going to seed. Leaves very dark green, crumpled, rounded, and thick.

New Zealand. 65 days. Used as a summer Spinach. Sow in rows 3 feet apart. Seed germinates irregularly, but once started, the plants grow rapidly. Only the tips are gathered and used.

Tomatoes

LIEBESAPFEL (*Ger.*) POMO D'ORO (*Ital.*)

One ounce of seed will produce about 2500 plants

Sow seed in March in hotbed, or in flats placed in a warm, sunny window. When 2 to 3 inches high, transplant to stand 3 to 4 inches apart each way. Ventilate on sunny days to harden plants and to prevent them from growing spindly. Do not set the plants out in the open until all danger of frost is past.

Pkt. 10 cts.; ½oz. 35 cts.; oz. 60 cts.; ¼lb. $1.75

Early and Second-Early Sorts

Bonny Best. 113 days. A well-known second early and a prolific yielder. Fruits average 3½ inches in diameter, are bright red, smooth and solid.

Break o' Day. 112 days. Early and wilt-resistant. Fruits medium large, globe-shaped, red, and of delicious flavor.

John Baer. 112 days. Very good early for the home-garden. The fruits are of good size, always smooth, semi-globe-shaped, and bright red.

June Pink. 110 days. The earliest pink-fruited variety. Fruits are medium sized, flattened and smooth.

Marglobe Tomato

Tomatoes, continued

Pritchard or **Scarlet Topper.** 115 days. An exceedingly productive, disease-resistant variety. The scarlet fruits are of good size, smooth, globular, and solid.

Rutgers. 115 days. A second-early sort developed and introduced by the New Jersey Agricultural Experiment Station. Fruits slightly flattened, medium-sized globes, very fleshy, solid and bright red in color. Particularly adapted for table, canning and, because of its bright red color, for juice purposes.

Other Well-Known Early Favorites

Chalk's Early Jewel. 110 days.

Penn State Earliana. 108 days.

Sparks' Earliana. 108 days.

Wayahead. 107 days.

Main-Crop, Scarlet Sorts

Marglobe. 119 days. A wonderful home- and truck-garden variety introduced several years ago by the U. S. Department of Agriculture. Plants are vigorous, resistant to wilt, and fruits are medium large and nearly globular, very meaty and of fine flavor.

Crimson Cushion or **Beefsteak.** 132 days. An extremely large and fleshy Tomato. Its scarlet fruits are smooth, rather flattened in shape, and of excellent flavor.

Stone. 128 days. An old favorite main-crop variety that is productive. Fruits large, smooth, and solid.

Main-Crop, Pink Sorts

Globe. 124 days. An outstanding all-purpose purple Tomato that produces enormous crops from midseason on. Fruits distinctly globular and very fleshy.

Oxheart. 132 days. Especially adapted to staking for raising prize Tomatoes. Fruits grow to enormous size, are oxheart-shaped, thick fleshed, with few seeds.

Ponderosa. 130 days. One of the largest of all Tomatoes. A single plant will often produce from 20 to 30 large, flat, somewhat rough fruits with small seed-cells.

Beauty. 127 days. A productive main-crop Tomato. Fruits are of good size, smooth, solid, and never crack. Quality excellent.

Other Well-Known Main-Crop Varieties

Yellow Ponderosa. 131 days. Main-crop, yellow-fruited variety of mild flavor. Fruits are large, rough, and flattened in shape.

Truckers' Favorite. 131 days.

Buckeye State. 127 days.

Dwarf Champion. 122 days.

Dwarf Stone. 122 days.

Small-Fruited or Preserving Sorts

Used principally for preserves or eaten raw. All very sweet and mild in flavor.

Each, pkt. 10 cts.; ½oz. 40 cts.; oz. 75 cts.

Red Cherry	**Red Pear**	**Golden Husk**
Yellow Cherry	**Yellow Pear**	**Purple Husk**
Red Peach	**Red Plum**	**Red Currant**
Yellow Peach	**Yellow Plum**	

Forcing Tomatoes

Each, pkt. 15 cts.; ½oz. 50 cts.; oz. 90 cts.

Ailsa Craig	**Comet**	**Sterling Castle**
Carter's Sunrise		

Turnips

WEISZE RUBEN (*Ger.*) NAVONE RAPA (*Ital.*)

One ounce of seed will sow 150 feet of row; 2 pounds, an acre

For summer use, sow Turnips in early spring, in rows 18 inches apart. When seedlings are well up, thin out to stand 3 to 4 inches apart in rows. For a continuous crop, repeat sowings every 2 weeks until the middle of May. Sow during July and August for fall and winter use.

Pkt. 10 cts.; oz. 15 cts.; ¼lb. 40 cts.; lb. 75 cts.

Extra-Early White Milan. 42 days. Roots white, flat, sweet and tender, 2 to 2½ inches in diameter. Matures in 50 days.

Extra-Early Purple Milan. 45 days. Small tops and very flat, white roots with purple tops; flesh fine grained, sweet, and tender.

Purple-Top White Globe. 60 days. A uniform and heavy yielder. Roots large and globe-shaped; upper part purple-red, rest white; flesh white, crisp, and tender. A splendid keeper.

Purple-Top Strap Leaf. 46 days. Medium early, very productive variety. Roots flat, purple-red at top, white below; flesh white, fine grained, and tender. A good keeper.

Seven Top. A very hardy sort, grown principally for the large tops which are used as table greens.

Rutabaga or Swedish Turnip

KOHLRUBE WRUCKEN (*Ger.*) CAVOLO NAVONE (*Ital.*)

Rutabagas should be sown during June and July. Lift roots before winter, remove tops, and store in a cool cellar.

Pkt. 10 cts.; oz. 15 cts.; ¼lb. 40 cts.; lb. 75 cts.

Purple-Top Yellow. 88 days. Hardy. Large, globular, firm roots with well-flavored yellow flesh. An excellent keeper.

Golden Neckless. 84 days. Extra-fine, improved strain without neck. Tops rather short, but good-sized root. Flesh yellow and fine grained.

Garden Herbs

KITCHEN FRAGRANCE MEDICINAL

Varieties grown for their herbage should be cut when the plant is in full growth and before it has become woody, then hung in a cool, dry place for curing. The seed-bearing plants should be left until the seed matures, but cut before the seeds begin to shatter. Perennial varieties are designated by an asterisk (*).

All varieties of Herbs, except where noted, pkt. 10 cts.

Anise. Used for garnishing, seasoning, and cordials.

Balm. Gives a lemon flavor to tea and other beverages.

Basil, Sweet. Clove-like fragrance. Leaves used in soups and stews.

Borage. Leaves used in salads. Flowers excellent for bees.

Caraway. Seeds used in flavoring cakes, etc.

Chives. Leaves used in salads and for flavoring soups, etc. Pkt. 25 cts.

Coriander. Seeds widely used for flavoring confectionery and cakes.

Dill. Leaves and seeds are used for pickling; also in soups and sauces. Fragrant.

Florence Fennel. The enlarged bulb at the base of the stem has an agreeable aromatic flavor.

Horehound.* The leaves are used for flavoring candy and for use in making cough remedies.

Lavender, True. Principally grown for its flowers which are enjoyed chiefly for their fragrance.

Marjoram, Sweet. The leaves and tender tips have a unique spicy taste for seasoning.

Rosemary.* Half-hardy perennial. The leaves are aromatic and used for seasoning and medicine.

Sage.* The leaves and tops are used for seasoning and stuffing.

Savory, Summer. Leaves and young shoots are fragrant and are used for flavoring.

Thyme. Of lemon flavor; used in making tea for nervous headache.

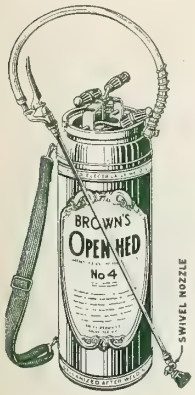
SPRAYERS AND DUSTERS

Arnold

One of the most convenient insecticide Sprayers on the market. Insert an insecticide cartridge into the transparent chamber and attach to your garden hose. $3.50.

Extra 3-foot Chromium-plated extension, $1.50.

Insecticide Cartridges. Each produces from 5 to 6 gallons of uniform potent spray. 35 cts. each. For various cartridges, see Insecticide Spray, page 45.



BROWN'S KNAPSACK SPRAYERS

The well-known Open-Hed type with double-acting pump-lock. Tank opening, 5 inches in diameter. Rubber double-grip pump-handles.

Open-Hed. 4-gal. galvanized tank. $6.50. 4-gal. brass tank. $10.00.

Open-Hed. 3-gal. galvanized tank. $5.50. 3-gal. brass tank. $9.00.

SMITH'S KNAPSACK SPRAYERS

Lightning Open-Top. 3½-gallon galvanized tank with 5-inch tank opening. Cadmium-plated funnel and pump top. $5.25.

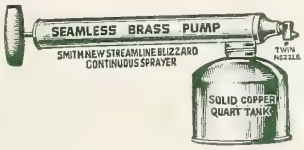
Justrite Open-Top. 2½-gallon galvanized tank. Construction same as above. $4.50.

Hand Sprayers

When ordering your Sprayer, turn to page 45 for an insecticide that will answer your purpose, or request our salesman to recommend one for your particular needs.

Non-Continuous.
Glass Jar, 5-oz. size $0 25
Tin, ¾-pt. 25
Tin, 1-qt. 45
Galvanized, 1-qt. 60

Continuous.
Glass Jar, 25-oz. 1 15



Blizzard. One of the most durable and efficient Sprayers made. Pump chamber of seamless, solid brass, 15 inches long, with a solid copper tank holding 1⅛ qts. of liquid 2 00

Spraymaster. Heavy galvanized steel tank. Capacity 3 qts. 1 50

Rubber Sprinkler. Small size 50
Large size 1 25

We carry, or can obtain for you, repair parts for all Sprayers offered on this page.

Paragon No. 3. A reliable outfit suitable for all outdoor spraying and whitewash work. Powerful pump with 12-gal. heavy tank set on a two-wheeled cart. Fully equipped. $23.50.

Smith's No. 50 Wheelbarrow Sprayer. Well-built, strong, and durable. Pump is made entirely of brass; long air-chamber keeps a heavy, even pressure on the nozzle thereby producing a continuous unbroken spray with slow, easy pumping. $13.50.

Bucket Sprayers

For spraying trees, shrubs, vines, field-crops; handling whitewash, disinfectants; washing automobiles, windows, and other purposes.

Meyers Little Giant $4 00

Dusters

Parrot N3. 1-pt. size $0 50
Glass Jar. 1-qt. size 1 25
Crank Duster. Adjustable discharge operated by crank handle. Capacity 3 qts. powder 10 75

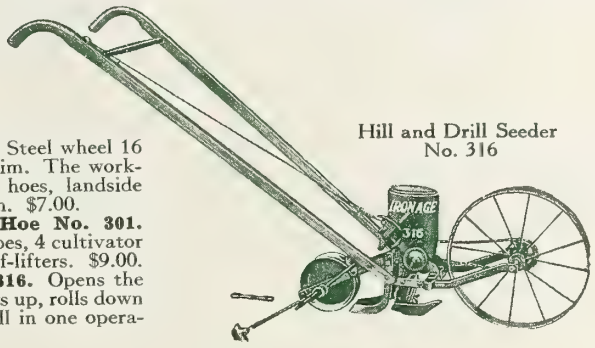
CULTIVATORS AND SEEDERS

Gem Single Wheel Hoe. A sturdy, compact cultivator on which the handles can be adjusted to suit the height of the operator. Complete with all tools. $6.70.

Single Wheel Hoe No. 320. Steel wheel 16 inches high with 1½-inch rim. The working tools are pair of side hoes, landside plow, and 3 cultivator teeth. $7.00.

Double or Single Wheel Hoe No. 301. Equipment, 1 pair 6-inch hoes, 4 cultivator teeth, 1 pair plows and leaf-lifters. $9.00.

Hill and Drill Seeder No. 316. Opens the furrow, sows the seed, covers up, rolls down and marks the next row, all in one operation. $15.00.



Hill and Drill Seeder No. 316

High Wheel Cultivator. Easiest of all Cultivators to operate, particularly on rough ground. Handles adjustable to height of operator. The high wheel permits this tool to be operated with very little effort. $3.75.

New Model Seed Drill. Sows all kinds of seeds; automatic control device regulates flow of seed. Capacity 2 qts. $11.50.

Cyclone Seeder. One of the best-known broadcast Seeders on the market. Adjustable to sow alfalfa, clover, timothy, and all seeds that can be broadcast. Exceptionally strong and rigidly built. Capacity ½ bushel. $2.75.

For fertilizer to suit your needs turn to pages 46 and 47

GARDEN TOOLS

SPEEDY CULTIVATOR ... $1 10

FORKS, Spading. Extra heavy $1 90
Spading. Good grade 1 25
English Digging 2 25
Manure. Four prongs 1 50

GRASS EDGING KNIVES

English. Curved top $2 25
American. Straight top ... 1 25

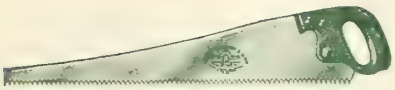
HOES.
Garden or **Field.** 5-in. $0 90
6-in. 1 10
7-in. 1 15
8-in. 1 25
Grub. 5½-in. blade 90
Mattock. Dig-Easy 1 10
Cutter Blade 1 35
Solid Eye 1 35
Italian Grape 2 00
Warren. Short handle 65
Long handle 1 35
Weeding. Two prongs.
Light weight 75
Heavy weight 95
Weeding. One prong 65

HOES—Dutch Scuffle

5-in. . $1 00 6-in. . . $1 10 8-in. . $1 25
HOOK and WEEDER 65
HOOKS, Potato. Flat tines 1 25
Round tines 1 25

KNIVES.
Budding. Square point blade $0 80
Aluminum handle 1 65
English. Ivory handle 4 50
Budding. Two blades 1 10
Budding and Grafting. One blade 1 00
Pruning and Budding. Two blades 1 35
Corn Cutter. Extra-heavy blade .. 75

GARDEN TOOLS



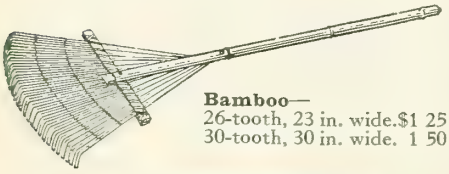
PRUNING SAWS.
Single Edge. Closed Handle—
20-in., regular teeth $2 50
24-in. Champion Pattern 3 25
Single Edge. Open Handle—
18-in. 1 65
20-in. 1 85
Special Tooth. 22-in. 1 70
Double Edge. 20-in. 2 25

Triangular. 18 in. $2 50
Extra Blades 35
Curved, Hand 1 75

POLE SAWS. 14-in., as illustrated ... $2 75
11-in., as illustrated 2 65
Poles. 10 ft. Straight grain 1 25
Blades only. 11-in. 1 50
14-in. 1 75

RAKES, Metal.
Garden, Straight Head—
14-tooth $1 00
16-tooth 1 15
Garden, Bow Head—
14-tooth 1 30
16-tooth 1 50

RAKES, Wooden.
Ole Olsen. 26-tooth, 23 in. wide ... $1 10
Bow Head. 3 wired 1 10
Hay. 2 wired. 10-tooth, 27 in. wide 60
Automatic.
26-tooth, 27 in. wide 2 00
38-tooth, 39 in. wide 2 50
Wire, Lawn—
12-tooth, 21 in. wide 75
18-tooth, 32 in. wide 90
21-tooth, 36 in. wide 1 00
Broom Style, Metal—
24-tooth, 18 in. wide 1 25
24-tooth, 24 in. wide 1 50



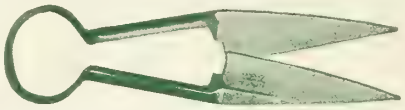
Bamboo—
26-tooth, 23 in. wide. $1 25
30-tooth, 30 in. wide. 1 50

SCYTHES.
Bush. 18 to 22 in. $1 75
Weed. Assorted. 24 to 28 in 1 75
Grass, American. 30 to 32 in. 2 00
English. 30 to 34 in. 2 75
Austrian. 30 to 32 in. 2 50

SCYTHE HANDLES.
Curved style 1 60
Straight-handle style 1 50

SCYTHE STONES.
Carborundum $0 30
Carborundum File 1 00
English Welsh Talacre 35
Big Milan 15

SHEARS, Border.
American. 9-in. 5 50
English. 9-in. 9 00



SHEARS, Grass or Sheep.
American. A350. 6-in. $1 00
English. No. 3075. 5½-in. 2 25
No. 3075. 7-in. 2 50

Wissclipper $1 50

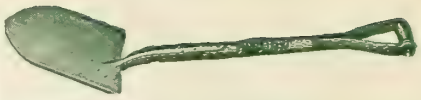
SHEARS, Hedge.
Village Blacksmith—
Plain Edge. 8-in. $1 75
9-in. 2 00
Serrated Edge. 8-in. 2 25
9-in. 2 50
English. 8-in. Notched 3 50
9-in. 3 75
10-in. 4 00
Electric. Double rotary 18 50

SHEARS, Lopping.
All-steel Handle $3 00
Wiss. 26-in. handle 2 50

SHEARS, PRUNING.
Atkins. No. 100. 8-in. $1 50
Fields. No. 1537. 9-in. 85
Wiss. No. 409V. 9-in. 2 25
Henkel's No. 192 ..... 5 00
Village Blacksmith. Leaf spring,
9-in. 2 50
French, Wheel Spring. 8-in. 2 00
9-in. 2 50
10-in. 3 25
Ladies.' 6-in., nickel finish 1 50
7-in., plain finish 1 00

SCISSORS, Flower-gathering.
Nickel finish 1 50
Thinning-out 1 10

One-Hour Parking Permitted
in Front of Our Store



SHOVELS, D-handle. Either round
or square point $1 60
Long Handle. Heavyweight 1 75
Home Garden. Lightweight;
strongly made 1 35

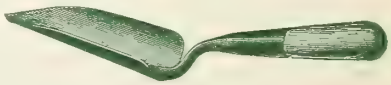
SICKLES or GRASS HOOKS.
Village Blacksmith.
Plain edge $0 65
Serrated edge 65
English. Riveted back 1 00
German 65
Graswhip. Long handle 1 25

SIEVES. Sizes of ⅛-, ⅙-, ¼-, ½-in.
mesh 1 75

SPADES. Best quality, polished $1 75
Burbank. Curved point 2 00

LAWN TAMPER. Reversible, spikes
on one side, smooth on the other.
Ideal for lawn purposes 4 50

TREE PRUNERS, Jointed Style.
8-ft. 6 50
12-ft. 7 50
16-ft. 8 25



TROWELS.
Village Blacksmith $0 35
Sheet Steel. No. 212. 6-in. 35
Forged Steel. No. 211. 6-in. 70
Drop Socket 85
Midget Spader 60
Transplanting. 7-in. 25
8-in. 30

WEEDERS.
Automatic, Blue Bird 1 25
Sure Grip. Long handle 1 00

Eureka. Short handle $0 50
2-ft. handle 75
4-ft. handle 90
Excelsior. 5 prongs 15

Gem. Three flat tines $0 50
Hazeltine. High-grade steel 60
Invincible. 3-prong, short handle .. 60
3-prong, long handle 1 00
5-prong, long handle 1 25
Onion. Short handle 60
Long handle 90
Village Blacksmith. 4-prong 30
5-prong 45

MISCELLANEOUS GARDEN SUPPLIES

FRUIT-PICKERS. Heavy galvanized wire $0 50

FRUIT and VEGETABLE-PICKING BAGS. With drop bottom 1 60

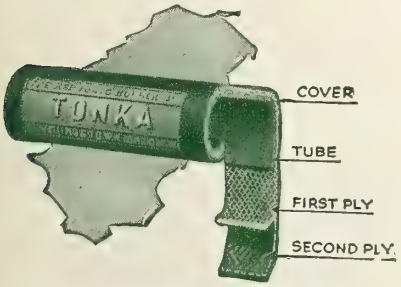
GARDEN LINE. 48-ft. hanks.
1 hank 50
12 hanks 5 00

GARDEN LINE REELS, with stake.
Small size 1 25
Large size 2 00

Gardening Housework Painting Yard Furnace Garage

Soft, pliant, and durable. Being all leather they provide full protection to the hands. Can be washed with soap in lukewarm water if necessary.
Ladies'. Small, Medium, or Large.
Men's. Small, Medium, or Large.

75 cts. per pair

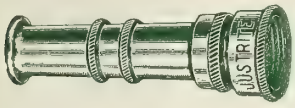


HOSE, Rubber (including couplings).
½-in., 50-ft. length (Tonka) $7 00
½-in., 50-ft. length (Relief) 6 00
¾-in., 50-ft. length (Tonka) 8 00
¾-in., 50-ft. length (Relief) 7 00

HOSE, SPRAY.
⅜-in., 5-ply Target Brand, per ft.... 25
½-in., 3-ply Relief Brand, per ft.... 30

HOSE COUPLINGS.
Perfect Clinching. ½- and ¾-in., per set $0 25

HOSE MENDERS.
Perfect Clinching. ½- and ¾-in., 10 cts. each; $1.00 per doz.



HOSE NOZZLES.
Justrite $0 60
Flat Spray 75
Pet 65
Greenhouse. Light, flat face 60
Greenhouse. 4-in. heavy face 90
Greenhouse. Brass, 4½-in. discs .. 3 25

HOSE REELS.
Cart Style No. 585-1 ..... 3 75

LABELS, Wooden, Painted.

	100	1000
Pot. 4-in.	$0 40	$3 00
5-in.	50	3 50
6-in.	60	3 75
Garden. 8-in.	1 25	8 00
10-in.	1 45	9 50
12-in.	1 75	12 00
Tree. 3½-in., copper wire	60	3 50

Hotkaps for Earlier Crops

Protect plants from frost, wind, rain, insects

Hotkaps protect growing plants against rain, wind, cold, frost, birds, insects and other destructive forces. Each one is a miniature hothouse, maintaining a perfect mulch and forcing growth and development. With Hotkaps, crops mature 2 to 3 weeks earlier and yield is 10 to 25 per cent greater.

Home Gardener's Package of
25 Hotkaps, sturdy cardboard Setter. $0 50
100 Hotkaps, steel Setter and Tamper. 2 65
250 Hotkaps, steel Setter and Tamper. 3 85
1000 Hotkaps only 10 25

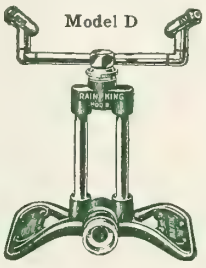
WHEELBARROWS, GARDEN. Each
No. 1. 30 x 24 in. $11 00
No. 2. 28 x 20 in. 10 00
No. 3. 26 x 19 in. 9 50

All wood wheels, 3-in. tires.

WATERING-CANS. Heavy galvanized.

Wotherspoon.		8-qt.	$5 50
4-qt.	$4 75	10-qt.	6 00
6-qt.	5 25	12-qt.	6 25
Lightweight.		8-qt.	95
4-qt.	$0 75	10-qt.	1 10
6-qt.	85	12-qt.	1 25
Fancy Style.			
1-qt.	$1 00	2-qt.	1 25

Lawn Sprinklers



Rain King, Model D. Adjustable as a stationary or as a revolving spray. All brass. Patented nozzle. $2.85.

Rain King, Model H. Solid brass, chromium-plated. Outstanding performance if set coarse, medium or misty. $3.75.

Rain King, Model G. Single-arm action. Disc-type base, bronze bearings. Will thoroughly cover a circle from 12 to 100 feet depending upon the adjustment. $3.95.

Rain King, Model J. Same design as G, but larger. Will distribute 900 gallons of water at 40 pounds over a circle of 140 feet per hour. $7.95.

Brass Ring Sprinkler. Made entirely of sheet brass. Throws a fine mist-like spray over a large circle. 75 cts.

Turbine. A general utility Sprinkler and a nozzle holder all in one. Can also be used on a steep terrace or as a sidewalk Sprinkler. $1.25.

Double Rotary Heavy Duty Sprinkler. A strictly scientific Sprinkler that distributes water more nearly like a gentle rainfall than any other mechanical means yet devised. It will cover a circle 80 feet in diameter. $12.50.

Busy. Under 35-pound pressure at the hydrant, the Busy will cover a circle 30 feet in diameter. 75 cts.

Anaconda. Easy running head with 3 arms, revolving at either a low or high pressure. Height 10 inches. $1.75.

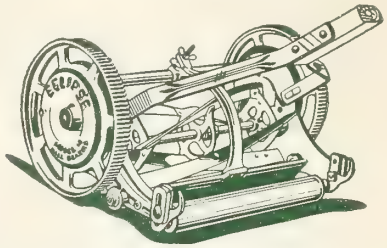
Dew Drop Junior. Well suited for low-pressure locations. Height 4 inches. $1.25.

Lawn Mower Grass Catchers

Collapsible frame with heavy galvanized iron bottom; self-adjusting hooks hold the Catcher in place on the mower.
No. A. Fits 12- to 16-in. mower $1 25
No. B. Fits 16- to 20-in. mower 1 50

Eclipse Lawn Mowers

The Eclipse Mower is never dull, due to the self-sharpening feature with which it is equipped. It is the only Lawn Mower designed that can be sharpened without the aid of tools. Another valuable feature is the instant finger-tip adjustment of the bottom knife blade, thereby eliminating the drudgery of tinkering with the four set screws, used on other machines.



Eclipse Model M. Self-sharpening.
16-in. cut, 4 blades. Pneumatic tires $18 00

Eclipse Model L. Self-sharpening.
16-in. cut, 5 blades, 10-in. standard wheel 16 75
18-in. cut, 5 blades, 10-in. standard wheel 18 25

Eclipse Rocket. A small Power Mower of perfect workmanship, ideally suited for lawns that do not warrant the purchase of the larger and more expensive type of Mower. Ruggedly built to withstand hard wear and powered with a 4-cycle Briggs & Stratton Gasoline engine that supplies power both to the rubber-tired wheels and the 20-inch, 5-bladed reel. Gas and clutch control are conveniently located on the Mower handle. $77.50.

STANDARD TYPES OF ECLIPSE LAWN MOWERS

Arlington.
14-in. cut, 5 blades. Rubber tires ... $8 40
16-in. cut, 5 blades. Rubber tires ... 8 75

Century.
14-in. cut, 4 blades. Rubber tires ... 7 95
16-in. cut, 4 blades. Rubber tires ... 8 25

Midwest.
14-in. cut, 4 blades 6 75
16-in. cut, 4 blades 7 00

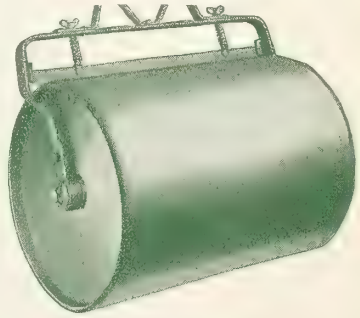
Rio Grande.
14-in. cut, 5 blades 7 00
16-in. cut, 5 blades 7 25

Water-Weight Lawn Rollers

These Rollers have strong, one-piece, hollow steel drums into which water or sand can be poured until the Roller is just the right weight for any job. By varying the amount of water, the same Roller may be used on soft lawns or on the tennis-court or drives, and, when not in use and empty, it is light enough to be easily handled and stowed away in the basement or garage.

With roller-bearings and scraper.

No.	Diam.	Length	Weight empty	Filled with water	Price
607.	14 in.	15 in.	50 lbs.	115 lbs.	$9 00
601.	14 in.	24 in.	60 lbs.	250 lbs.	11 50
602.	18 in.	24 in.	75 lbs.	330 lbs.	14 00
603.	24 in.	24 in.	100 lbs.	440 lbs.	17 50
604.	24 in.	32 in.	130 lbs.	566 lbs.	21 00



GREENHOUSE AND HOTBED SUPPLIES

BULL DOG CLIPS. For fastening paper. 75 cts. per 1000.

BULL DOG STAPLES. $1.25 per 1000.

BURLAP, for shading and protection. 36-in. width, 15 cts. per yd.

HYDROFLUORIC ACID. For cleaning glass in hotbeds and greenhouses. 1 lb. in wax container $1.25; 10 lbs. in lead container $8.50. Allowance for lead jug when returned $3.50.

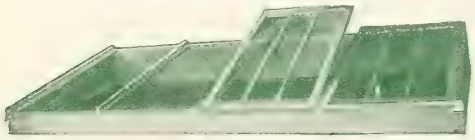
GLASS CLEANER, Skybrite. $3.25 per gal.

GLASS CUTTER, Red Devil. 25 cts. each.

GLAZING COMPOUND, Mastica. Gal. $2.50; 5 gals. $12.00.
Machine for applying Mastica, $3.00.

GLAZING POINTS, Peerless. Nos. 1, 2, 2½. 75 cts. per 1000; $3.50 for 5000.
Siebert's. Zinc style. ⅝- and ⅞-in. Lb. 50 cts.; 5 lbs. $2.25.

GREENHOUSE SHADING.
Green. Liquid. 1-gal. can, $4.00.



HOTBED SASH. Best-grade cypress, strongly constructed, with wood horns for easy handling. Iron crossbar. Size 3 ft. x 6 ft. x 1⅜ in.; 3 rows.

	Each	Doz.
Unglazed and unpainted	$3 25	$30 00
Glazed and painted (2 coats)	6 00	70 00

PLANT TIES. $2.50 per 1000.

PUTTY BULBS. For applying putty. $1.35 each.

THERMOMETERS.

No. 5400. 8-in.; black case	$1 50
No. 5400. 10-in.; black case	1 65
No. 5400P. 10-in.; copper case	2 25
No. 5154S. 7-in.; copper case	85
No. 5452. Self-registering; brass	6 50
No. 5454. Self-registering; black	4 00
No. 5400PS. 10-in.; copper case	2 25
No. 5420S. 8-in.; black case	1 00
No. 5981. 16-in.; for hotbeds	2 75

TIN FOIL. Lb. 30 cts.; 5 lbs. $1.25.

TWINE, Best Yet. 1-lb. box, $1.25.
Binder. Ball 90 cts.; bale (10 balls) $7.50.
Braid. Small tube $2.00; large tube $2.50.
Jute, 3-Ply. For tying plants. ½-lb. ball 25 cts.
Sea Island, Green. Lb. $1.25.
Silkaline. F.F. grade. Spool 25 cts.; 1-lb. box (8 spools) $2.50.
White Cotton. For vegetable buncher. Lb. 70 cts.; 10 lbs. $6.50.

RAFFIA.
Natural. Lb. 40 cts.; 5 lbs. $1.85.
Green. Lb. $1.25; 5 lbs. $6.00.

WESTINGHOUSE AUTOMATIC ELECTRIC HOTBED HEATER. This Heater consists of an open-loop, nickel chromium alloy heating element, mounted in a light rust-resisting steel frame with a "Built-in Watchman Thermostat." Price complete, $9.95.

Fertilizers for Greenhouse and Garden Crops (Laurie)

A good book written in easily understood language, explaining the different fertilizers and their usage. See page 26.

Flower Pots

FLOWER POTS—CLAY

Standard Flower Pots.

Inside top diam.	Each	Doz.	100
2½-in.	$0 03	$0 30	$2 00
3-in.	04	35	2 50
4-in.	06	60	3 75
5-in.	10	1 00	6 75
6-in.	15	1 50	9 50
7-in.	23	2 30	16 00
8-in.	35	3 50	23 00
9-in.	50	5 00	35 00
10-in.	65	6 50	47 50
11-in.	1 10	11 00	
12-in.	1 40	14 00	

Half Deep, Bulb or Azalea Pots.
Sizes 4- to 12-in. Prices same as above.

Flower-Pot Saucers.	Each	Doz.	100
For 4-in. pots	$0 04	$0 40	$2 90
For 5-in. pots	06	60	3 75
For 6-in. pots	08	80	5 25
For 7-in. pots	11	1 10	8 00
For 8-in. pots	16	1 60	11 50
For 9-in. pots	21	2 10	14 50
For 10-in. pots	35	3 50	
For 11-in. pots	40	4 00	
For 12-in. pots	50	5 00	

Round Seed-Pans.	Each	Doz.
9-in.	$0 70	$6 75
12-in.	1 45	14 25

Fern-Dish Linings. Prices on request.

Orchid Pots. Prices on request.

PAPER FLOWER POTS—NEPONSET

Very economical. Waterproof. Can be nested closely for shipping.

	Doz.	100	1000
2½-in.	$0 15	$0 60	$5 00
3-in.	20	75	5 50
4-in.	25	1 10	8 50
5-in.	35	1 50	13 50
6-in.	40	1 75	16 50

SEED-FLATS. Strongly built flats of long-lasting cypress wood. 20 x 10 x 3 in. 30 cts. each; $3.00 per doz.

WATERPROOF PLANT BOXES

For early plants, start your seed indoors in Waterproof Plant Boxes. Made of heavy press board, each box containing 12 folding 2-inch pots. Size 8½ x 6 inches, fitting nicely in a sunny window.

1 box with 12 pots	$0 15
12 boxes with 144 pots	1 50

Hanging-Baskets

	Each	Doz.
8-in.	$0 40	$4 00
10-in.	50	5 00
12-in.	55	5 50
14-in.	75	7 50
16-in.	80	8 00
18-in.	90	9 00

Perfecto Flower-Boxes

6 in. wide; 7 in. deep.
The only Flower-Box made that provides sub-watering at either end and having air-circulation beneath the plants, which prevents souring of the earth. Painted grass green.

	Each
20 in. long	$1 10
26 in. long	1 35
32 in. long	1 85
38 in. long	2 40

VIRGINIA CEDAR PLANT TUBS

Painted green; with galvanized electric-welded wire hoops.
If wanted with handles, add 20 cents to price of each tub.

	Diam. inside top	Diam. inside bottom	Depth inside	Each
No. 2.	7-in.	5-in.	7-in.	$0 60
No. 3.	8-in.	6-in.	8-in.	65
No. 4.	9-in.	7-in.	9-in.	70
No. 5.	10-in.	7½-in.	9-in.	80
No. 6.	11-in.	8½-in.	10-in.	1 10
No. 7.	12-in.	9-in.	11-in.	1 25
No. 8.	13-in.	10-in.	12-in.	1 55
No. 9.	14-in.	11-in.	13-in.	1 80
No. 10.	15-in.	11½-in.	14-in.	2 00
No. 11.	16-in.	12½-in.	15-in.	2 25
No. 12.	17-in.	13½-in.	16-in.	2 60
No. 13.	18-in.	14½-in.	17-in.	3 15
No. 14.	19-in.	15½-in.	18-in.	3 90

Plant Stakes and Supports

Bamboo Cane.
Natural Color.

	100	1000
6-ft.	$1 65	$12 50
8-ft.	2 50	20 00
10-ft.	3 25	27 50

Japanese, Dyed Green.

	Doz.	100	1000
1½-ft.	$0 10	$0 50	$3 00
2-ft.	15	55	3 25
2½-ft.	17	65	4 25
3-ft.	20	75	4 50
3½-ft.	20	85	5 50
4-ft.	25	1 00	8 00
5-ft.	25	1 25	10 00

Split.

	100	1000
12-in. Dyed green	$0 35	$2 25
18-in. Dyed green	40	2 50
22-in. Dyed green	50	3 00

Chinese Tonkins.

	Doz.	100
5-ft.	$0 90	$5 00
6-ft.	1 00	5 50
7-ft.	1 10	6 75

Hyacinth.

	100	1000
12-in. Painted green	$0 45	$3 00
18-in. Painted green	60	3 50

Bean Poles. Cypress wood, square, unpainted.

	Doz.	100
4-ft.	$0 90	$5 50
5-ft.	1 10	6 50
6-ft.	1 20	7 50

Wooden Round Tapering. Light weight.

	Doz.	100
1½-ft.	$0 30	$2 00
2-ft.	50	3 75
3-ft.	90	6 50
4-ft.	1 25	9 00
5-ft.	1 65	12 00

Heavy Wooden or **Dahlia.**

	Doz.	100
3-ft.	$1 50	$10 00
4-ft.	1 80	13 00
5-ft.	2 35	17 00
6-ft.	3 00	22 00

Galvanized Wire.

	Doz.	100	1000
2-ft.	$0 25	$1 25	$9 00
3-ft.	35	1 75	13 00
4-ft.	40	2 00	16 50
5-ft.	50	2 50	20 00

REMEDIES FOR INSECTS AND FUNGUS

PRICES SUBJECT TO CHANGE

All items marked with an asterisk (*) can be sent only by Express or Freight, as they are not mailable
All other items can be mailed, provided sufficient postage is included with your order

For Aphis, Mealy Bugs, Thrips, Red Spiders, and Other Chewing and Sucking Insects

It is of the utmost importance that the proper remedy or control be selected to combat the various insect pests and fungi which attack the growing crops and infest the soil. To assist you in making the correct selection for your particular needs, we classify our list of Insecticides, Fungicides, etc., under separate headings which show the various purposes the different kinds should be used for.

Ellisco Japanese Beetle Trap. Similar in design to the trap used by the U. S. Department of Agriculture. Enameled green and white, it will last for years. A very effective way to decrease the population of the Japanese beetle, consequently reduce egg-laying and subsequent broods of beetles and attract the beetle from your flowers and shrubs into the traps. Trap and Liquid Bait $1.50. Additional Liquid Bait 50 cts.

***Arsenate of Lead Powder.** A stomach poison that may be used as either a spray or dust to combat bean beetle, tent caterpillar, bagworm, and all other chewing insects. ½lb. 20 cts.; lb. 35 cts.; 4-lb. bag 90 cts.; 24-lb. carton in 4-lb. bags $4.25.

***Black-Leaf 40 (Nicotine-Sulphate).** *40 per cent nicotine guaranteed.* Highly recommended by experiment stations and by spraying experts throughout the United States. The standard contact insecticide for spraying vegetables, fruits, flowers, and plants to destroy aphis, thrips, leafhoppers, and similar "sucking" insects. Also effective for dipping purposes. 1-oz. bottle 35 cts.; 5-oz. bottle $1.00; 1-lb. bottle $2.25; 2-lb. tin $3.25; 5-lb. tin $5.85; 10-lb. tin $10.60.

Black Arrow Pyrethrum Powder. The highest quality of Pyrethrum in powder form. Non-poisonous and harmless to leaf or flower. Lb. 80 cts.; 5 lbs. $2.70.

Calcium Arsenate. Will effectively control Mexican bean beetle. 1-lb. can 30 cts.; 4-lb. pkg. 65 cts.; 24-lb. carton in 4-lb. bags $3.25.

Cartridges (Arnold Hose Sprayer).
Arsenate of Lead
Bordeaux Mixture
Nicotine (Pure)
P-R (Pyrethrum-Rotenone)
Sulphur
35 cts. each; 6 for $2.00

Dutox. A safe, sure, non-arsenical control that is effective on the Mexican bean beetle and other leaf-eating insects. 1-lb. bag 35 cts.; 6-lb. bag $1.50.

Ever Green Plant Spray. *New.* Simple way to kill garden insects. No complicated instructions. Simply mix with water and spray. This pyrethrum spray kills both chewing and sucking insects. Harmless to man, plants, and animals. 1-oz. bottle 35 cts.; 6-oz. can $1.00; 16-oz. can $2.15; gal. $12.20.

***Lethane "440."** A new synthetic insecticide from which positive results are assured when used as per directions. It kills the insects and destroys the eggs of aphis, mealy bug, red spider, etc. Economical to use on account of its high dilution. 2-oz. bottle 35 cts.; 6-oz. bottle $1.00; qt. $3.00; gal. $8.50.

***Naphthalene Flakes.** Used for dusting over gladiolus and other bulbs to control thrip. Lb. 25 cts.; 5 lbs. $1.00.

***Paris Green.** More extensively used for killing potato bugs than any other poison. ¼lb. 20 cts.; lb. 60 cts.

***Pomo-Green with Nicotine.** A leaf-green all-in-one dust or spray which controls chewing and sucking insects. Effective also for black-spot and mildew. 1-lb. can 75 cts.; 5-lb. can $3.00.

***Pyrox.** The one best spray for the control of both chewing insects and fungous diseases. Easy to use—simply mix with cold water and spray. Use on truck crops, fruits, potatoes, etc. 5 lbs. $1.75; 10 lbs. $3.00; 25 lbs. $5.00; 50 lbs. $7.25; 100 lbs. $12.50.

***Pyrox Nicotine.** A special new spray which performs all the regular Pyrox functions and has an additional advantage in that it kills sucking insects—like aphis. It is the first truly complete spray—for vegetables, small fruits, and flowers. 10-oz. jar (makes 2 gals. spray) 40 cts.; 1-lb. jar 50 cts.; 5 lbs. $1.75; 10 lbs. $3.00.

Red Arrow Non-Poisonous Insect Spray (Pyrethrum Soap). The safe, pleasant spray to use. Effective on chewing and sucking insects. Safe because it is harmless to children, adults, domestic animals and useful wild bird-life. Safe, also, because it does not injure or stain flowers or foliage. Safe to use on fruits and vegetables before marketing. 1-oz. bottle 35 cts.; 4-oz. can $1.00; 1-pt. glass $2.85; 1-qt. can $5.40; 1-gal. can $16.00.

Rotecide Spray. A non-poisonous insecticide containing the newly developed Rotenone extract tested by the U. S. Department of Agriculture. When used as directed it is effective in combating both sucking and chewing insects. 1-oz. bottle 35 cts.; 8-oz. bottle $1.00; pt. $1.75; qt. $3.00; gal. $8.00.

Rotenone Dust. .75 per cent Rotenone. Highly recommended for control of bean beetle, leaf hoppers, thrip, and similar garden pests. Non-poisonous to humans, animal- or bird-life. 5-lb. carton $1.00.

Q. B. Dust. .75 per cent Rotenone; 1.95 per cent other Derris Extractives. A contact and stomach poison combined, being like the above, non-poisonous to humans, bird- or animal-life. It is particularly valuable for combating noxious insect pests in flower or vegetable gardens. Lb. 35 cts.; 2 lbs. 60 cts.; 5 lbs. $1.25.

***Selocide.** A powerful new killing insecticide that controls red spider in one application; also kills their eggs and does not harm tender plants when used according to directions. Dilute 1 part to 49 parts of water. Gal. $3.50; 5 gals. $13.00.

Slug-Shot. Standard remedy for cabbage and currant worms, rose slugs, etc. 1-lb. carton 25 cts.; 5 lbs. $1.00; 25 lbs. $4.00.

Soap Liquid, C. P.O. Used as a spreader in insecticide mixtures. Pt. 60 cts.; qt. $1.00; gal. $2.50; 5 gals. $8.50.

Soap, Fish-Oil. Destroys soft-shelled insects on plants, trees, and in the greenhouse. Lb. 35 cts.; 5 lbs. $1.25.

Soap, Getz There. For washing palms and spraying tender plants. 8-lb. can $1.50.

Soap, Red Arrow Spreader. Highly efficient when used as a spreader for insecticides, except those containing arsenic. 1-gal. can $1.75; 5 gals. $8.25.

Tobacco Dust, Fine. For green and black aphis, flea-beetles, etc. Splendid fertilizer and preventive for insects in the ground and around roots. Lb. 15 cts.; 5 lbs. 50 cts.; 25 lbs. $1.50; 100 lbs. $4.00.

Tree Tanglefoot. A sticky paste applied to tree-trunks to keep caterpillars, etc., from crawling into the trees. 6 ozs. 35 cts.; lb. 65 cts.; 5 lbs. $3.00; 10 lbs. $5.75; 25 lbs. $12.00.

Volck, Nursery. Especially adapted to nursery, greenhouse, and shade-tree spraying. Controls sap-sucking insects such as scales, mites, mealy bugs, white flies, etc. 3½-oz. bottle 35 cts.; pt. 50 cts.; qt. 75 cts.; gal. $2.00; 5 gals. $7.50.

Wilson's O.K. Plant-Spray. Powerful and efficient spray for indoors and outdoors. Destroys aphis, red spider, lacewing fly, and other soft-bodied insects. Qt. $1.00; gal. $3.00; 5 gals. $12.00; 30 gals. $57.00; 50 gals. $90.00.

Greenhouse Fumigants

***Cyanogas ("G" Grade).** This effective chemical is used for fumigation of greenhouse and nursery stock, rodent control, and orchard dusting. 5 lbs. $3.00; 25 lbs. $10.00.

Fume Tobac. 2 per cent Nicotine. Greenhouse fumigant which lights quickly and fills the greenhouse with thick, dense fumes. 25-lb. keg $5.00.

Nicofume Powder. New-type pressure can which gives greater efficiency and economy in fumigating. ½-lb. can 45 cts.; case (12 cans) $4.20; 1-lb. can 75 cts.; case (12 cans) $7.50. Not pressure, 5 lbs. $3.35; 10 lbs. $5.85.

***Nicofume Liquid.** For spraying and vaporizing. Lb. $2.25; 4 lbs. $5.75; 8 lbs. $10.00.

Nicofume Paper. Strips of paper, strongly saturated with nicotine, which, when burned, give off heavy nicotine fumes. Box of 24 sheets $1.25; 144 sheets $4.50.

Tobacco Dust, Coarse. Lb. 15 cts.; 5 lbs. 50 cts.; 25 lbs. $1.25; 100 lbs. $3.50.

Fungicides

***Bordeaux, Dry.** Add 1 pound to 5 gallons of liquid. Full directions on package. 1-lb. carton 35 cts.; 4-lb. bag 85 cts.; 24-lb. carton in 4-lb. bags $4 00; 100-lb. bag $13.00.

***Copper Solution.** A preventive for black-rot, brown-rot, and downy mildew of the grape, pear leaf-blight, tomato black-rot, carnation rust, etc. Qt. $1.50; gal. $4.60.

***Copper Sulphate** (Bluestone). An ingredient used in making home-made Bordeaux Mixture. Lb. 25 cts.; 5 lbs. 75 cts.; 25 lbs. $3.50.

Corrosive Sublimate (Bichloride of Mercury). In its proper dilution used to combat snow-mold, black and brown patch in Bent lawns. ¼-lb. bottle 75 cts.; 1-lb. bottle $2.10. *Not mailable.*

***Fungtrogen.** A preventive treatment for mildew, black-spot and other fungous diseases of Roses, Phlox and Delphinium. ½pt. 75 cts.; pt. $1.25; qt. $2.00; gal. $6.00.

Grape and Rose Dust. For mildew, mold, and rust. Lb. 40 cts.; 5 lbs. $1.50.

Sulfocide. A very effective liquid sulphur fungicide used for control of blight, rot, mildew, and various fungous diseases in flower and vegetable gardens, apple scab and brown peach rot in orchard practice. Dilution 1 to 200. Pt. 50 cts.; qt. 85 cts.; gal. $2.25; 5 gals. $7.50.

Sulphur. For mildew on plants, etc. Lb. 20 cts.; 5 lbs. 60 cts.; 100 lbs. $6.00.

Terogen. Valuable autumn soil-treatment which will work wonders with your roses. Give your roses a better start next year. 1-lb. can 75 cts.; 5-lb. can $2.75.

Tri-ogen (Rose-Garden Spray). A triple-acting spray controlling practically all insects and fungus in the rose-garden. Small kit $1.50; medium kit $4.00; large kit $6.00.

REMEDIES FOR INSECTS AND FUNGUS

Soil and Seed Sterilizers

***Ceresan.** Inexpensive treatment for barley, oats, and wheat which assures protection against blight and smut losses. Lb. 75 cts.; 5 lbs. $3.00.

***Dichloricide** (Para-Dichlorobenzene). Very highly recommended for killing peach-tree borers. Lb. 60 cts.; 5 lbs. $2.50.

Formaldehyde Dusts. Soil-treating compounds essential for the control of seed- and soil-borne diseases.

Ansul Dust. 5 lbs. $2.00; 25 lbs. $5.50.

Formacide. ½lb. 45 cts.; lb. 75 cts.; 5 lbs. $2.00; 25 lbs. $5.50.

Mowrah Meal. The most effective worm-eradicator on the market for ridding the soil of worms in the lawn, garden, or greenhouse. Apply ½ pound to a square yard. 5 lbs. 75 cts.; 10 lbs. $1.00; 25 lbs. $1.75; 100 lbs. $5.00.

***Naphthalene Flakes.** Used for dusting over gladiolus and other bulbs to control thrip. Lb. 25 cts.; 5 lbs. $1.00.

***Semesan.** A mercurial fungicide which hastens and increases seed-germination, also controls seed-borne and soil diseases such as rotting and damping-off. 2 ozs. 35 cts.; lb. $2.25; 5 lbs. $11.00.

***Semesan Jr.** A valuable treatment for seed corn, destroying disease organisms on the seed and preventing it from rotting in the soil. Use 2 ounces to a bushel. 4 ozs. 30 cts.; lb. 75 cts.; 5 lbs. $3.25; 25 lbs. $14.00.

Snarol, Improved. Always recognized as the outstanding product to combat snails, cutworms, slugs, grasshoppers, sowbugs, etc. It has now been improved by adding Metaldehyde, a chemical that not only destroys but actually attracts the insects before killing them. 1½ lbs. 35 cts.; 4 lbs. 85 cts.

***To-Na-Cide.** A practical, dependable treatment for soil infested with insects injurious to root-activity of plants, such as thrips, wireworms, and earthworms. 5 lbs. $1.50; 25 lbs. $5.00.

Dormant Sprays

Dendrol Dormant Spray Oil. An improved miscible oil for dormant spraying of fruit and shade trees and shrubbery. 4 gallons of Dendrol to 96 gallons of water will kill San Jose and other scale insects, also aphis and mites. Qt. 65 cts.; gal. $1.50; 5 gals. $5.50; 15 gals. $12.50; 32-gal. drum $19.50; 54-gal. drum $29.00.

***Bordeaux, Dry.** Add 1 pound to 5 gallons of liquid. Full directions on package. 1-lb. carton 30 cts.; 4-lb. bag 85 cts.; 24-lb. carton in 4-lb. bags $4.00.

***Lime-Sulphur, Liquid.** Strictly a dormant spray and should not be applied while the trees are in leaf. For all ordinary spraying should be diluted with 8 to 9 gallons of cold water to 1 gallon of the Lime-Sulphur solution. Qt. 50 cts.; gal. $1.00; 5 gals. $3.50; 30-gal. bbl. $8.25; 50-gal. bbl. $12.00. Bbls. not returnable.

Lime-Sulphur, Powder. Used for the same purpose and has the same effectiveness as the liquid form and is much easier to handle. Lb. 35 cts.; 5 lbs. $1.50; 10-lb. bag $2.50; 25-lb. bag $4.50.

Scalecide. A complete dormant spray of highest quality of miscible oil, noted for its effectiveness against San Jose scale and all other scale insects which winter on trees. Qt. 65 cts.; gal. $1.55; 5 gals. $5.75; 15-gal. drum $12.00 (drum $2.00 extra); 30-gal. drum $19.50 (drum $2.50 extra); 50-gal. drum $28.00 (drum $3.00 extra). Drum cost refunded when returned prepaid to Pratt Co., Hackensack, N. J.

Soap, Fish-Oil. Use for mild forms of scale while the plants and trees are dormant. Useful also for washing off palms, etc., infested with soft-shelled insects. Lb. 35 cts.; 5 lbs. $1.25.

Volck, Nursery. Especially adapted to nursery, greenhouse, and shade-tree spraying. Controls sap-sucking insects such as scales, mites, mealy bugs, white flies, etc. ½pt. 35 cts.; qt. 75 cts.; gal. $2.00; 5 gals. $7.50.

Miscellaneous

Ant Killer, Terro. Are you bothered with ants? Terro Ant Killer will rid your place of ants in 24 hours. Small bottle 25 cts.; large bottle 50 cts.

Asparagus Salt. Used on asparagus beds to keep down the weeds. 5 lbs. 25 cts.; 25 lbs. 75 cts.; 100 lbs. $2.25.

***Cyanogas ("A" Grade).** A poisonous powder which gives off gas which exterminates moles, ground-hogs, ground squirrels, rats, and field-mice. Lb. 75 cts.; 5 lbs. $3.00.

Dogzix. Will keep dogs away from trees, shrubs, and ornamentals. Put in a clean sprayer and spray lightly on lower branches and on ground around tree; do not spray on new growth. Apply every three weeks. 35 and 50 cts.

Fly Spray, Bonide. Kills flies, mosquitoes, bedbugs, moths, fleas, and roaches. Pt. 40 cts.; qt. 75 cts.

Grafting Wax. ¼lb. 15 cts.; ½lb. 25 cts.; lb. 45 cts.

HORMODIN A

What Hormodin Does

The principal use of Hormodin is to induce root-growth. Cuttings formerly rooted with difficulty respond with an unheard-of percentage of perfectly rooted specimens in the shortest possible time.

Enough for 600 cuttings.....$1 00
Enough for 1800 cuttings..... 2 00
Enough for 7200 cuttings..... 5 00

Kayso. Combined casein spreader and adhesive. Reduces the waste of spray material. 2 lbs. 50 cts.; 10 lbs. $2.25.

Roach Powder. Used according to directions is a sure kill for roaches and waterbugs. 4-oz. carton 25 cts.

Sanaseed Mouse Killer. Quick and sure. No fuss, no muss. Pkt. 15 cts.

Topzol Rat Bait. Ready for instant use; no mixing. Pkg. 15 cts.; doz. $1.50.

Tree Wound Dressing. A stiff pine-tar paint used to form a protective coating over fresh cuts after pruning, or any damage that may occur to trees. Pt. 40 cts.; qt. 75 cts.; gal. $2.50.

***Weed Killer, Holmerdens.** Will kill all noxious weeds in driveways, paths, tennis courts, etc. Dilute 1 part to 30 to 40 parts of water; use with care as it will also kill grass. Qt. 50 cts.; gal. $1.50; 5 gals. $6.50; 55-gal. drum $55.00.

Weed Killer, Powder. A powder that when dusted over the lawn kills off weeds and at the same time stimulates the grass to more luxuriant growth. Use 1 pound to 100 square feet. 3-lb. can 90 cts.; 25-lb. bag $3.75.

FERTILIZERS

Fertilizers purchased in lots of 100 pounds or over are delivered free at prices quoted below, to your residence, if same is within our local delivery zone, which see on page 1. Fertilizers to be sent by freight are 25 cts. per 100 lbs. lower than quoted price

PRICES SUBJECT TO MARKET CHANGES

Adco. The addition of Adco to the compost pile, or to other vegetable refuse, grass clippings, leaves, etc., at the rate of 2 pounds to each wheelbarrow load of refuse will produce a clean, odorless manure within three or four months. 7½-lb. bag $1.00; 25-lb. bag $2.00; 150-lb. bag $10.50.

Aluminum Sulphate. Makes soil acid, and for this purpose is much used in the culture of rhododendrons and similar plants. Use ½ pound per square yard. Lb. 20 cts.; 5 lbs. 60 cts.; 25 lbs. $1.50; 100 lbs. $5.00.

Ashes, Unleached Hardwood. A splendid stimulant, fertilizer and sweetener, particularly for lawns. Apply in fall or early spring, 1500 to 2000 pounds to the acre.

100 lbs.	$3 00	1000 lbs.	$22 00
500 lbs.	11 75	2000 lbs.	42 00

Bonemeal Flour. Finest grade of Bonemeal made. Ground as fine as flour. Used in potting soil and in the greenhouse on carnations. Ammonia 4.50 per cent, phosphoric acid 25.58 per cent, bone phosphate 50 per cent.

100 lbs.	$4 50	1000 lbs.	$38 00
500 lbs.	20 00	2000 lbs.	76 00

Bonemeal, Pure Raw, No. 1. Highest grade. Contains nothing but pure raw animal bone. Vastly superior to steamed bone. Ammonia 4½ to 6 per cent; phosphoric acid 22 to 24 per cent, equal to bone phosphate 48 to 52 per cent.

5 lbs.	$0 30	100 lbs.	$3 50
10 lbs.	50	500 lbs.	15 00
25 lbs.	1 10	1000 lbs.	28 50
50 lbs.	2 00	2000 lbs.	56 00

Charcoal. Sweetens and lightens sour and heavy soils; also used for mixing with potting soil. Three sizes: fine, medium, and lump.

1 lb.	$0 15	50 lbs.	$3 50
5 lbs.	50	100 lbs.	6 00

Clay's Fertilizer. The most widely used complete fertilizer imported from England. Used mainly in the greenhouse.

7 lbs.	$1 50	56 lbs.	$7 50
14 lbs.	2 50	112 lbs.	13 00
28 lbs.	4 25		

Cottonseed Meal. Rich in nitrogen and potash. Suitable for grain crops, but most largely used on lawns. Use ¾ to 1½ tons per acre. 50 lbs. $2.00; 100 lbs. $3.50.

Dried Blood. Contains nitrogen in the most available form. Gives quick results. Lb. 15 cts.; 10 lbs. $1.00; 100 lbs. $7.00.

Floranid (Urea). A very rich nitrogen fertilizer in which the nitrogen is in the same form as a liquid manure. Twenty-two pounds of Floranid contains as much nitrogen as a ton of manure.

1 lb.	$0 25	25 lbs.	$2 75
5 lbs.	90	50 lbs.	4 75
10 lbs.	1 50	100 lbs.	9 00

F. & I. Tobacco Base Fertilizer. "The Wonder Worker of the florist trade."

100 lbs.	$3 75	1000 lbs.	$31 00
500 lbs.	16 50	2000 lbs.	60 00

Horn Shavings. Rich in ammonia and valuable for use in mixing in potting soil especially for chrysanthemums.

1 lb.	$0 20	50 lbs.	$5 00
25 lbs.	3 00	100 lbs.	9 50

FERTILIZERS

Humus. Valuable for incorporating into poor soils to improve the texture and increase the moisture-holding properties. Does not contain a high percentage of plant-food. For best results, cover the ground 1 to 2 inches with Humus and spade in.

25 lbs.	$0 60	500 lbs.	$7 50
50 lbs.	1 10	1000 lbs.	13 50
100 lbs.	2 00	2000 lbs.	25 00

Prices on Humus in bulk, quoted on request.

Leafmold. The finest grade of sifted Leafmold for potting and mixing with garden soil. Pk. 50 cts.; 2-bus. sack $2.50.

Lime, Hydrated. For lawns or field use, very finely pulverized.

10 lbs.	$0 25	500 lbs.	$5 00
50 lbs.	75	1000 lbs.	9 00
100 lbs.	1 25	2000 lbs.	17 00

Milorganite. Has a high nitrogen content which makes it valuable for lawn purposes. Produces sturdy growth of rich, green grass.

100 lbs.	$3 00	1000 lbs.	$24 50
500 lbs.	13 00	2000 lbs.	47 00

Muriate of Potash. 48 per cent K_2O.

1 lb.	$0 15	100 lbs.	$3 50
10 lbs.	1 00	1000 lbs.	27 00

Nitrate of Soda. 15 per cent nitrogen. Supplies nitrogen to soil. Should be applied with a filler or as a liquid. Use 200 to 500 pounds per acre.

1 lb.	$0 15	100 lbs.	$3 25
5 lbs.	50	500 lbs.	14 00
10 lbs.	85	1000 lbs.	26 50
25 lbs.	1 25	2000 lbs.	51 00

Nitrophoska. 15–30–15. 15 per cent nitrogen; 30 per cent available phosphoric acid; 15 per cent potash. A wonderful fertilizer for lawns, shrubbery, flowers and vegetables. "A little goes a long way." A 10-lb. package is enough for 1000 square feet.

1 lb.	$0 25	25 lbs.	$2 75
5 lbs.	90	50 lbs.	3 75
10 lbs.	1 50	100 lbs.	7 00

Shredded Cattle Manure.

100 lbs.	$3 00	1000 lbs.	$22 00
500 lbs.	12 00	2000 lbs.	42 00

Soot, Imported Scotch. Will produce color in greenhouse plants; also very effective against grubs and worms. Lb. 20 cts.; 10 lbs. $1.50; 100 lbs. $7.50.

Stim-U-Plant. A concentrated and quickly available plant-food in tablet form. Pkg. of 30 tablets 25 cts.; 100 tablets 75 cts.; 1000 tablets $3.50.

Sulphate of Ammonia.

1 lb.	$0 15	100 lbs.	$3 50
10 lbs.	75	1000 lbs.	27 00

Superphosphate. 20 per cent.

100 lbs.	$2 25	1000 lbs.	$18 00
500 lbs.	10 00	2000 lbs.	28 00

Sutton's Simplex Fertilizer. Used primarily as a greenhouse plant-food. Its employment will develop unrivaled blooms, strong, healthy foliage, and the flowering period will be extended through increased vigor of the plant. 50 lbs. $9.00; 100 lbs. $16.00.

Complete Homogeneous Granulated Fertilizer

No dust or waste; easily soluble and quickly available.

10-6-4. For fruit trees and small fruits.

100 lbs.	$3 50	1000 lbs.	$30 00
500 lbs.	16 25	2000 lbs.	55 00

4-12-4. General truck gardening.

100 lbs.	$3 25	1000 lbs.	$25 00
500 lbs.	13 75	2000 lbs.	45 00

3-12-6. Corn.

100 lbs.	$3 25	1000 lbs.	$25 00
500 lbs.	13 75	2000 lbs.	45 00

4-8-8. Potatoes.

100 lbs.	$3 15	1000 lbs.	$24 00
500 lbs.	13 25	2000 lbs.	42 00

4-16-4. General gardening.

100 lbs.	$3 35	1000 lbs.	$27 00
500 lbs.	14 25	2000 lbs.	50 00

PEAT MOSS

Peat Moss. An ideal mulch for your shrubs, lawns, or borders, or for incorporating into the soil to improve the physical condition. Highly retentive of moisture so that plant-food that has been dissolved in the soil will be retained. Our bales are of the largest size and of the finest quality. 1 bale, delivered in city, $3.25; 5 bales, delivered in city, $15.00.

Prices subject to change without notice

Moss, Sheet, Natural Green. For decorating in the conservatory and use for hanging-baskets.

1 sq. yd.	$0 50
Large sack	2 00
Large crate	4 00

Moss, Sphagnum, Dry. Large bale $2.50.

Moss, Sphagnum, Live. For orchid-growing. Market price.

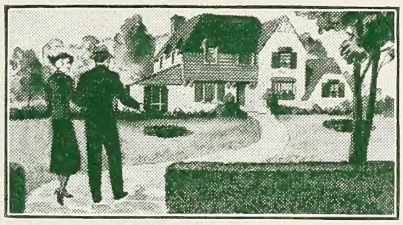
Peat, Fibrous. For orchid-growing. 2-bus. sack $3.50.

NITRAGIN The Original Legume Inoculator

INOCULATOR PRICES When Ordering, Always Specify Name of Seed

ALFALFA, all CLOVERS		LESPEDEZA	
Size	Retail	Size	Retail
½ bu. ea.	$ .30	1 bu. ea.	$ .30
1 bu. ea.	.50	2 bu. ea.	.50
2½ bu. ea.	1.00	5 bu. ea.	1.00
VETCH, AUSTRIAN PEAS, CANADIAN PEAS, BEANS		**PEANUTS, SOY BEANS, COW PEAS, LIMA BEANS**	
½ bu. ea.	$ .25	1 bu. ea.	$ .30
1 bu. ea.	.40	2 bu. ea.	.50
*1⅔ bu. ea.	.60	5 bu. ea.	1.00
5 bu. ea.	1.70	10 bu. ea.	1.60
*12½ bu. ea.	4.00	*25 bu. ea.	3.00
*"100 lb." & 12½ bu. size, packed only for Vetch & Peas		*25 bu. size packed only for SoyBeans, CowPeas, Peanuts	

NITRAGIN GARDEN SIZE for Garden Peas, Beans, Sweet Peas, Lima Beans and Lupines. Enough for 4 lbs. seed. Retail Price 10c each.



IMPROVE YOUR LAWN

For a beautiful lawn and garden, use Vigoro, the complete plant food. It supplies all 11 elements plants require.

Vigoro is clean, odorless, sanitary, and easy to apply.

Order a supply! See how it helps you achieve fine results.

1-lb. pkg.	$0 10	25-lb. bag.	$1 50
5-lb. pkg.	45	50-lb. bag.	2 50
10-lb. pkg.	85	100-lb. bag.	4 00

F. O. B. Pittsburgh

VIGORO *Complete plant food*

A PRODUCT OF SWIFT

Lōma

REG. U.S. PAT. OFF.

The best thing on earth for lawns and gardens

1 lb.	$0 10	25 lbs.	$1 50
5 lbs.	45	50 lbs.	2 50
10 lbs.	85	100 lbs.	4 00

Prices on larger quantities on request.

Wizard Sheep Manure is absolutely weedless and performs at one time the two jobs of safely feeding the plants and building up the physical condition of the soil, thus insuring strong, vigorous root-growth. Use at the rate of 100 pounds to 1000 square feet.

5 lbs.	$0 30	100 lbs.	$3 00
10 lbs.	50	500 lbs.	12 00
25 lbs.	1 00	1000 lbs.	22 00
50 lbs.	1 75	2000 lbs.	42 00

Prices include delivery on 100-lb. quantity or over.

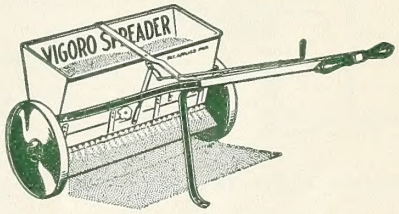
Sudbury Soil-Test Kits

The Sudbury Soil-Test Kit makes instantly available the essential information you require for gardening success. With it you can make quick practical tests which will show the acidity of your soil and any possible deficiency in nitrogen, phosphorus, and potash. As a result, you can avoid failure by prompt adjustment of your soil to the requirements of your plants, whether vegetables, flowers, or grasses. Sudbury Soil-Test Kits are used by leading professional and amateur growers throughout the country.

The Professional Soil-Test Kit, indispensable to landscape architects, greenskeepers, and superintendents of large estates, contains material for 200 complete tests. $18.50.

The Horticultural Soil-Test Kit, ideal for landscape gardeners, florists, and farmers, contains enough material for 60 complete tests. $9.75.

Fertilizer Spreaders



Eliminates the messiness and waste of applying fertilizer and plant-food by hand. When used as a seed-distributor, the uncertainty of hand-seeding is eliminated.

Model	Width of spread	Capacity of hopper	Price
B	16 in.	15 lbs.	$3 00
Junior	16 in.	35 lbs.	6 30
Standard	24 in.	65 lbs.	11 35
Special	36 in.	100 lbs.	19 00

FOR YOUR DOG

Your dog's health depends on the quality of food he receives. His teeth, his hair, his comfort and even his disposition depend upon the proper food, the correct vitamins.

We offer you the following well-known brands of foods, soaps, flea powders.

Our bird seeds are our own brands and are always fresh.

Merchandise on this page DELIVERED FREE on orders amounting to $2.00 or over

Gaines Meat and Milk Meal

This food has all five vitamins A, B, D, E, G, and with the addition of Carotene comes to you as nearly balanced, as nearly complete, as human skill and modern science can make dog-food.

1 lb.	$0 10	25 lbs.	$2 00
5 lbs.	45	50 lbs.	3 50
10 lbs.	85	100 lbs.	6 50

Prices on larger quantities on request.

Gaines Krunchons

Made of the same ingredients as the meal but in small "cork size" pellets that give your dog something to "crunch on."

1 lb.	$0 10	25 lbs.	$2 10
5 lbs.	45	50 lbs	4 00
10 lbs	85	100 lbs	7 00

Gaines Reindeer Hamburg

This pure meat comes in handy-sized cans that will keep it fresh indefinitely without refrigeration. Ready to feed in a minute—assuring your dogs the healthiest of meats at all times. 15-oz. can 20 cts.; case (48 cans) $8.50.

Gaines Formula 107-A

Weaning formula for puppies and a supplemental feeding for young and adult dogs. A special aid prior to whelping. Makes the feeding of orphan puppies as nearly comparable to natural feeding as possible; also recommended for cats, kittens, fox, and mink. Comes in ½-pound cans of dry powder to be mixed with water as directed. Can 75 cts.

Champion Dog Foods

Champion Dog Food is made from lean, fresh beef, grains and cereals, pure cod-liver oil and building minerals. Comes in two forms, biscuit and kibbled.

CHAMPION BISCUITS

1 lb.	$0 15
5 lbs.	65
10 lbs.	1 25
25 lbs.	3 00

CHAMPION KIBBLED

1 lb.	$0 15
5 lbs.	65
10 lbs.	1 25
25 lbs.	3 00

NORTH STAR KIBBLED

1 lb.	$0 10	10 lbs.	$0 85
5 lbs.	45	25 lbs.	2 10

Supercedar Kennel Bedding

It not only provides a velvety cushion for a dog, but imparts a gloss to his coat, keeps his hair live, clean, and oily, and keeps the kennel pleasant and wholesome. A pillow filled with it makes an ideal bed for cats and other animal pets.

5-lb. bag	$0 45
50-lb. bag	2 25

Canned Dog Foods

Pard Food
10c per can
$4.10 per case

RED HEART

Furnished in three diets: Diet A with beef added, Diet B with fish added, Diet C with cheese added. Vary the menu by alternating the diets.

1-lb. can	$0 10
3 cans	29
Case (48 cans)	4 25

EVEREDY

No other food is needed because it is a balanced ration.

1-lb can	$0 10
3 cans	25
Case (48 cans)	3 50

VITA GAINES (Reindeer Meat)

1 can	$0 10	Case (48 cans)	$4 25
3 cans	29		

Spratts Dog Foods and Supplies

Spratts is one of the oldest and one of the best dog-food manufacturers in the world.

PLAIN OVALS

Carton	$0 35
5 lbs	75
25 lbs	3 35

CHARCOAL OVALS

Carton	$0 40
5 lbs	75
25 lbs	3 35

Easy to feed, and carry in the pocket when on a walk with your dog.

FIBO

Granulated food. Can be fed dry or mixed with vegetables, soups, broth, etc.

Carton	$0 40
5 lbs	85
25 lbs	3 50

Spratts Flea Powder	$0 25
Spratts Dog Soap	25
Earthenware Food-dish	85

For Your Dog's Comfort

Safe and sure. Apply on one spot only to completely rid your dog or cat of fleas. One Spot does not repel—it kills all fleas and lice. 25 and 50 cts.

"Dogglow" Dry Cleaning Powder. An odorless, harmless powder that cleans your dog without water. Kills fleas and lice, removes doggy odors. Large box 50 cts.

"Dogglow" Flea Powder. 50 cts.

Bird Feeds and Supplies

	Lb.
Canary Seed, Mixed	$0 15
Canary Seed, Special	15
Rape, Sweet	15
Millet, Red	10
Millet, White	25
Lettuce	25
Hemp	15
Sunflower Seeds	15

Prices on larger quantities on request

Burnett's Song Restorer	$0 25
Burnett's Moulting Food.	25
Burnett's Lightning Rest	25
Burnett's Louse Powder.	10

Cuttle Bone. With wire fastener. 5 and 10 cts. ea.

Gravel. 2-lb. box 10 cts.; 5 lbs. 15 cts.

CONTENTS

	Page
Grass Seed	Inside Front Cover
Flower Seed Culture	2
Flower Seed Novelties	3
Flower Seed, Annuals	3–17
Flower Seed, Perennials	18–23
Flower Seed, Conservatory	24,25
Flower Seed, Climbers	25,26
Horticultural Books	26
Bulbs and Roots	27,28
Flowers for Special Purposes	28
Vegetable Seed	29–40
Sprayers and Dusters	41
Cultivators and Seeders	41
Garden Tools	41, 42
Garden Supplies	43
Lawn Supplies	43
Greenhouse Supplies	44
Plant Supports and Pots	44
Insecticides and Fungicides	45,46
Fertilizers	46,47
Dog and Bird Supplies	48

INDEX

Flower Seed

Page

Abutilon 24
Achillea 18
Aconitum 18
Acroclinium 9
Adlumia 25
Adonis 3,18
African Orange Daisy 8
Ageratum 3
Agrostemma 18
Alyssum 3,18
Amaranthus 3
Amaryllis 28
Ammobium 9
Ampelopsis 25
Anchusa 4,18
Anemone 18
Anthemis 18
Antirrhinum 4
Aquilegia 18
Arabis 18
Arctotis 4
Armeria 18
Asters 3–5,18,4th Cov.
Aubrietia 18

Baby's Breath 10,20
Bachelor's Button 7
Balloon Vine 25
Balsam 5,24
Beard Tongue 22
Begonia 5,28
Bellis 19
Black-eyed Susan 16
Blanket Flower 9,20
Blue Lace Flower 5
Brachycome 6
Bright Eyes 6
Browallia 6
Burning Bush 10
Butterfly Flower 15

Caladium 28
Calendula 6
California Poppy 9
Calla 28
Calliopsis 6
Campanula 6,19
Canary-Bird Vine 25
Candytuft 6,19
Cannas 27
Canterbury Bells 6,19
Cardinal Climber 25
Carnation 6,19
Caster-oil Plant 14
Cathedral Bells 25
Celosia 7
Centaurea 7,19
Cerastium 19
Cheiranthus 7
Chelone 19
Chimney Bellflower 19
Chinese Forget-me-not 8
Chinese Lantern 22
Chinese Woolflower 7
Chrysanthemum 7,19
Cineraria 24
Clarkia 7
Cleome 8
Cobæa 25
Cockscomb 7
Coleus 8
Columbine 18
Coneflower 23
Cordyline 24
Coreopsis 19
Cornflower 19
Cornflower Aster 23
Cosmos 8
Crimson Flax 11
Cyclamen 24
Cynoglossum 8
Cypress Vine 25

Dahlia 8,28
Datura 8
Delphinium 10,20
Dianthus (Pinks) 8,20
Dianthus (Sweet William) 23
Dianthus (Carnation) 6
Didiscus 5
Digitalis 20
Dimorphotheca 8
Dolichos 25
Dracæna 24

Echinocystis 26
Edelweiss 20
English Daisy 19
Eschscholtzia 9
Eupatorium 20
Euphorbia 9
Evening Primrose 22
Everlastings 9

Feverfew 9
Flame Flower 14
Forget-me-not 21
Four o'Clocks 9
Foxglove 20

Gaillardia 9,20
Geranium 24
Gerbera 24
Geum 20
Giant Yellow Tulip Poppy 10
Gladiolus 27
Gloxinia 24
Godetia 9
Gomphrena 9
Gourds 26
Grasses, Ornamental 10,20
Grevillea 24
Gypsophila 10,20

Hardy Sweet Peas 26
Harebell 19
Helenium 21
Helen's Flower 21
Helianthus 10,21
Helichrysum 9
Heliotrope 10
Hesperis 23
Heuchera 21
Hibiscus 21
Hollyhocks 21
Honesty 21
Humulus 26
Hunnemannia 10
Hyacinth Bean 25

Iberis 6
Impatiens 24
Ipomœa 25,30

Japanese Vine 26
Jerusalem Cherry 25
Jerusalem Cross 21

Kenilworth Ivy 21
Kochia 10
Kudzu Vine 26

Lady's-Slipper 5
Lantana 10
Larkspur 1st Cov.,10
Lathyrus 26
Lavatera 10
Liatris 21
Lilies 27
Linaria 10,21
Linum 11,21
Lobelia 11,21
Lunaria 21
Lupinus 11,21
Lychnis 21

Mallow 10
Marigold 11
Marsh-Mallow 21
Marvel of Peru 9
Matricaria 9
Maurandia 24
Mesembryanthemum 12
Michaelmas Daisy 18
Mignonette 11
Mimosa 12
Mimulus 25
Mirabilis 9
Momordica 26
Monarch of the Veldt 17
Monkshood 18
Moonflower 26
Morning-Glory 3,12,26, 4th Cov.
Musa 25
Musk-Plant 25
Myosotis 21

Nasturtium 12
Nemesia 12
Nicotiana 12
Nierembergia 12

Œnothera 22
Ornamental Grasses 10,20

Painted Tongue 15
Pansy 12,13
Papaver 14,22
Peachbells 19
Pentstemon 22
Perennial Asters 18
Periwinkle 17
Persian Daisy 22
Petunias 3,13,14,4th Cov.
Phlox 3,14,22
Physalis 22
Physostegia 22
Pin-cushion Flower 15,23
Pinks 8,20
Piqueria 25
Platycodon 22
Poppies 10,14,22
Portulaca 14
Pot Marigold 6
Primrose 22,25
Primula 22,25
Pyrethrum 22

Rhodanthe 9
Ricinus 14
Rock Cress 18
Rudbeckia 15,23

Salpiglossis 15
Salvia 15,23
Sanvitalia 15
Saponaria 15,23
Scabiosa 3,15,23,4th Cov.
Scarlet Sage 15,23
Schizanthus 15
Sea-Lavender 23
Silene 23
Snapdragon 4
Snow-in-Summer 19
Snow-on-the-Mountain 9
Solanum 25
Spider Plant 8
Statice 15,23
Stevia 25
Stocks 15,16
Stokesia 23
Straw Flower 9
Sun-Dials 11
Sunflower 10,21
Swan River Daisy 6
Sweet-flowering Tobacco 12
Sweet Peas 16
Sweet Rocket 23
Sweet Sultan 7
Sweet William 23

Tagetes 11
Thalictrum 23
Thunbergia 16
Tithonia 16
Torenia 16
Transvaal Daisy 24
Tritoma 23
Trollius 23
Tropæolum canariense 29
Tuberose 28
Tufted Pansy 13
Ursinia 16

Venidium 17
Verbena 16,23
Veronica 23
Vinca 17
Viola 13
Violet 13
Viscaria 17

Wallflower 7,23
Wild Cucumber 26
Wild Garden Mixture 17
Windflower 18
Xeranthemum 9
Zinnias 15,17

Vegetable Seed

Page

Artichoke 29
Asparagus 29

Beans 29,30
Beet 30
Borecole 34
Broccoli 30
Brussels Sprouts 30

Cabbage 31
Carrot 31
Cauliflower 32
Celeriac 32
Celery 32
Chicory 32
Chinese Cabbage 31
Collards 32
Corn, Sweet 33
Corn Salad 32
Cress 32
Cucumber 33,34

Dandelion 32

Eggplant 34
Endive 34

Herbs 40
Horse-radish Roots 34

Kale 34
Kohlrabi 34

Leek 34
Lettuce 35

Mangel Wurzel 30
Melon, Musk 35
Melon, Water 35
Mustard 35

Okra 36
Onion 36
Onion Sets 36

Parsley 36
Parsnip 36
Peas, Garden 37
Pepper 37,38
Potatoes 38
Pumpkin 38

Radish 38,39
Rhubarb 39
Rutabaga 40

Salsify 39
Spinach 39
Squash 39
Swiss Chard 30

Tomato 39,40
Turnip 40

Sundries

Page

Bean Poles 44
Bird Feeds and Supplies 48
Books 26
Burlap 44
Clips, Bull Dog 44
Corn Cutter 41
Cultivators 41

Dog Foods and Supplies 48
Dusters 41

Fertilizers 46,47
Fertilizer Spreaders 47
Flower Boxes 44
Flower Pots, etc. 44
Forks 41
Fruit-Pickers 43
Fruit-picking Bags 43
Fungicides 45

Garden Line and Reels 43
Glass Cleaner 44
Glass Cutter 44
Glazing Compound 44
Glazing Points 44
Gloves 43
Grass Catcher 43
Grass Edging Knives 41
Greenhouse Shading 44

Hanging-Baskets 44
Hoes 41
Hooks 41,42
Hormodin 46
Hose 43
Hose Couplings 43
Hose Menders 43
Hose Nozzles 43
Hotbed Heater 44
Hotbed Sash 44
Hotkaps 43
Hydrofluoric Acid 44

Insecticides 45

Knives 41

Labels 43
Lawn Mowers 43
Lawn Rollers 43
Leafmold 47

Mastica Machine 44
Moss, Sheet 47
Moss, Sphagnum 47

Peat, Fibrous 47
Peat Moss 47
Plant Ties 44
Plant Tubs, Boxes 44
Pruning Saws 42
Putty Bulbs 44

Raffia 44
Rakes 42

Scissors 42
Scythes 42
Seeders 41
Seed Flats 44
Seed Inoculant 47
Sharpening Stones 42
Shears 42
Shovels 42
Sickles 42
Sieves 42
Soil-Testing Kits 47
Spades 42
Sprayers 41
Sprinklers, Lawn 43
Sprinklers, Rubber 41
Stakes 44
Staples 44

Thermometers 44
Tin Foil 42
Tree Pruners 42
Trowels 44
Twine 44

Watering-Cans 43
Weeders 41,42
Wheelbarrows 43

PRINTED IN U.S.A.

ASTER, Light Blue. **Pkt. 25 cts.**
All-America Silver Medal, 1939

MORNING GLORY
Heavenly Blue
Pkt. 15 cts.

PETUNIA, Hollywood Star. **Pkt. 35 cts.**
All-America Silver Medal, 1939

NEW MORNING GLORY
Scarlett O'Hara
All-America Gold Medal, 1939
Pkt. 25 cts.

SCABIOSA, Imperial Giant Blue Moon. **Pkt. 25 cts.**
Honorable Mention, 1939

BECKERT'S SEED STORE, INC.

103 FEDERAL STREET, North Side
PITTSBURGH · PENNSYLVANIA
Telephone: FAIRFAX 4210-4211